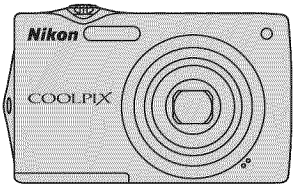
Nikon

DIGITAL CAMERA

COOLPIX S3000

User's Manual



En

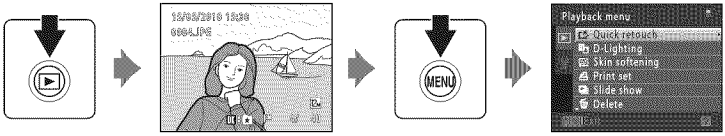
Playback Option: Playback Menu

The following options are available in the playback menu.

- **Quick retouch** (📖 100)
  Easily create retouched copies in which contrast and saturation have been enhanced.
- **D-Lighting** (📖 101)
  Enhances brightness and contrast in dark portions of pictures.
- **Skin softening** (📖 102)
  The camera detects faces and creates a copy of the picture with softer skin tones in the faces of portrait subjects.
- **Print set** (📖 87)
  Select pictures to print and the number of copies for each.
- **Slide show** (📖 91)
  View pictures stored in the internal memory or on a memory card in an automatic slide show.
- **Delete** (📖 92)
  Delete all or selected pictures.
- **Protect** (📖 94)
  Protect selected pictures from accidental deletion.
- **Rotate image** (📖 94)
  Change the orientation of pictures.
- **Small picture** (📖 104)
  Create a small copy of the current picture.
- **Voice memo** (📖 95)
  Record voice memos for pictures.
- **Copy** (📖 97)
  Copy files between memory card and internal memory.

Displaying the Playback Menu

Press the ▶ button to enter playback mode (📖 28).
Press the MENU button to display the playback menu.



- Use the multi selector to choose and apply settings (📖 9).
- Press the MENU button to exit the playback menu.

Print Set (Creating a DPOF Print Order)

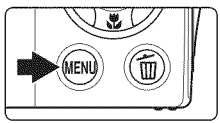
▶ button (Playback mode) → MENU (Playback menu) → Print set

When printing pictures stored on the memory card using any of the following methods, the **Print set** option in the playback menu is used to create digital "print orders" for printing on DPOF-compatible devices.

- Inserting the memory card into a DPOF-compatible (📖 166) printer's card slot
- Taking the memory card to a digital photo lab
- Connecting the camera to a PictBridge-compatible (📖 166) printer (📖 119). A print order can also be created for pictures stored in the internal memory if the memory card is removed from the camera.

1 Press the MENU button in playback mode.

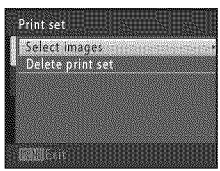
The playback menu is displayed.



2 Use the multi selector to choose **Print set** and press the OK button.

Proceed to step 4 when playing back in favorite pictures mode, auto sort mode, or list by date mode.

3 Choose **Select images** and press the OK button.



4 Choose pictures (up to 99) and the number of copies (up to nine) of each.

Press the multi selector ◀ or ▶ to select pictures, and press ▲ or ▼ to specify the number of copies to be printed.

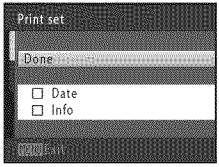
Picture selected for printing can be recognized by the check mark (✓) icon and the numeral indicating the number of copies to be printed. If no copies have been specified for pictures, the selection is canceled.

Rotate the zoom control to **T** (🔍) to switch to full-frame playback.

Rotate the zoom control to **W** (▦) to switch back to 12-thumbnail display.

Press the OK button when setting is complete.

5 Choose whether or not to print shooting date and photo information.

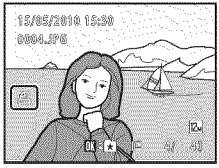


Choose **Date** and press the OK button to print the shooting date on all pictures in the print order.

Choose **Info** and press the OK button to print shutter speed and aperture information on all pictures in the print order.

Choose **Done** and press the OK button to complete the print order and exit.

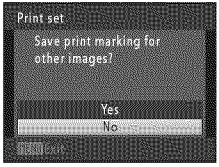
Pictures selected for printing are recognized by the 🖨 icon displayed with playback.



Notes on Print Set

When a print order is created in favorite pictures mode, auto sort mode or list by date mode, the screen shown below is displayed if pictures other than those in the album, the selected category, or taken on the selected shooting date, have been marked for printing.

- Select **Yes** to add pictures in the selected album or category, or taken on the selected shooting date, to the existing print order.
- Select **No** to remove print marking from previously marked pictures and restrict the print order to pictures in the selected album or category, or taken on the selected shooting date.



Favorite pictures mode/ auto sort mode

List by date mode

If the total number of the pictures in a print order exceeds 99, the screen shown below will be displayed.

- Select **Yes** to remove pictures previously added from the print order and restrict the print order to pictures just marked.
- Select **Cancel** to remove the pictures just added from the print order and restrict the print order to pictures previously marked.

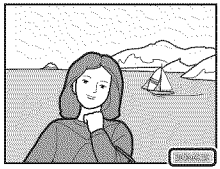
Favorite pictures mode/ auto sort mode

List by date mode

Notes on Printing Shooting Date and Photo Information

When the **Date** and **Info** options are enabled in the print set option, shooting date and photo information are printed on pictures when a DPOF-compatible (📖 166) printer which supports printing of shooting date and photo information is used.

- Photo information cannot be printed when the camera is connected directly to a printer, via the supplied USB cable, for DPOF printing (📖 124).
- Note that **Date** and **Info** settings are reset when the print set option is displayed.
- The date printed is that recorded when the picture was taken. Changing the camera's date using the **Date** option in the setup menu after a picture has been taken has no affect on the date printed on the picture.



Canceling Existing Print Order

Select **Delete print set** in step 3 of "Print Set (Creating a DPOF Print Order)" (📖 87) and press the ⓞ button to remove print marking from all pictures and cancel the print order.

Date Imprint

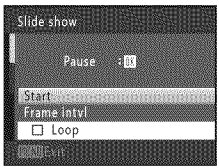
When date and time of recording are imprinted on pictures using the **Date imprint** option (📖 133) in setup menu, pictures are recorded with shooting date and time imprinted on the picture when they are taken. Pictures with the date imprinted on them can be printed from printers that do not support printing of the date on pictures.
Only the date and time imprinted on pictures with the date imprint option will be printed, even if the **Print set** date option is enabled.

Slide Show

[▶] button (Playback mode) ➔ MENU (Playback menu) ➔ Slide show

Play back pictures stored in the internal memory or on a memory card one by one in an automated "slide show."

1 Use the multi selector to choose **Start** and press the ⓞ button.



To change the interval between pictures, choose **Frame intvl**, select the desired interval time, and press the ⓞ button before choosing **Start**.

To repeat the slide show automatically, choose **Loop** and press the ⓞ button before choosing **Start**. The check mark (✔) will be added to the loop option when enabled.

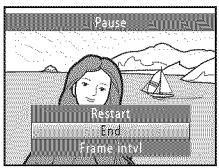
2 The slide show begins.

While the slide show is in progress, the following operations are available:

Press the multi selector ▶ to display the subsequent picture or ◀ to display the previous picture. Hold down either button to fast forward or rewind.

Press the ⓞ button to pause the slide show.

3 End the slide show or restart it.



When the slide show ends or is paused, choose **End** and press the ⓞ button to return to the playback menu, or choose **Restart** to play the slide show again.

Notes on Slide Show

- Only the first frame of movies (📖 110) included in a slide show is displayed.
- The maximum playback time is up to 30 minutes even if **Loop** is enabled (📖 137).

Delete (Deleting Multiple Pictures)

▶ button (Playback mode) ➔ MENU (Playback menu) ➔ Delete

Delete selected pictures or all pictures.

Erase selected images

Select pictures from the picture selection screen and delete them. See "Selecting Pictures" (📖 93) for more information.

Erase all images

Delete all pictures. In favorite pictures, auto sort, and list by date mode, all pictures in the album or auto sort category currently displayed, or taken on the selected date, are deleted. Albums and auto sort categories themselves are not deleted.

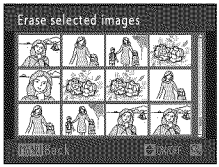
Notes on Deletion

- Once deleted, pictures cannot be recovered. Transfer important images to a computer before deletion.
- Pictures marked with the 🔑 icon are protected and cannot be deleted (📖 94).

Selecting Pictures

The picture selection screen like that shown at right is displayed with the following menu selections:

- **Playback menu**: **Print set**>**Select images** (□ 87), **Delete**>**Erase selected images** (□ 92), **Protect** (□ 94), **Rotate image** (□ 94), and **Copy**>**Selected images** (□ 97)
- **Setup menu**: **Welcome screen**>**Select an image** (□ 128)

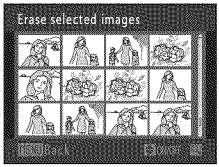


Follow the procedures described below to choose the pictures.

1 Press the multi selector ◀ or ▶ to choose the desired picture.

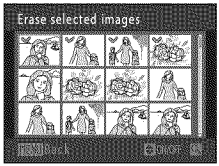
Only one picture can be selected at a time for **Rotate image** and **Welcome screen**. Proceed to step 3.

Rotate the zoom control to **T** (Q) to switch to full-frame playback or **W** (▪▪) to switch back to 12-thumbnail display.



2 Press ▲ or ▼ to select or deselect (or to specify the number of copies).

When a picture is selected, a check mark (✓) is displayed with the picture. Repeat steps 1 and 2 to select additional pictures.



3 Press the ⓞ button to finalize selection.

When **Erase selected images** is selected, a confirmation dialog is displayed. Follow the instructions displayed in the monitor.

Protect

▶ button (Playback mode) → MENU (Playback menu) → Protect

Protect selected pictures from accidental deletion.

Select pictures to protect or cancel protection for previously protected pictures from the picture selection screen. See "Selecting Pictures" (□ 93) for more information.

Note that formatting the camera's internal memory or the memory card will permanently delete protected files (□ 138).

Protected pictures are recognized by the icon (□ 7, 70).

Rotate Image

▶ button (Playback mode) → MENU (Playback menu) → Rotate image

Specify the orientation in which recorded pictures are displayed with playback. Still pictures can be rotated 90 degrees clockwise or 90 degrees counterclockwise. Pictures that were recorded in portrait ("tall") orientation can be rotated up to 180 degrees in either direction.

Select a picture in the picture selection screen (□ 93). When the **Rotate image** screen is displayed, press the multi selector ◀ or ▶ to rotate the picture 90 degrees.

Rotate 90 degrees counterclockwise

Rotate 90 degrees clockwise

Press the OK button to finalize display orientation, and save orientation data with the picture.

Voice Memos

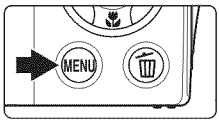
[▶] button (Playback mode) ➔ MENU (Playback menu) ➔ Voice memo

Use the camera's built-in microphone to record voice memos for pictures.

Recording Voice Memos

1 Display the desired picture in full-frame playback mode (📖 28) or thumbnail playback mode (📖 69) and press the MENU button.

The playback menu is displayed.



2 Use the multi selector to choose **Voice memo** and press the OK button.

The screen for recording voice memos is displayed.

3 Press and hold the OK button to record a voice memo.

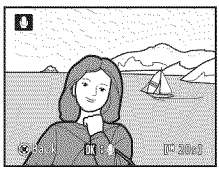
Recording ends after about 20 seconds or when the OK button is released.

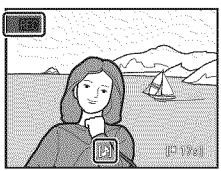
Do not touch the built-in microphone during recording.

During recording, REC and 🎙 blink in the monitor.

When recording ends, the voice memo playback screen is displayed. Follow the instructions in step 3 of "Playing Voice Memos" (📖 96) to play the voice memo.

Press the MENU button before or after recording a voice memo to return to full-frame playback mode.





More Information

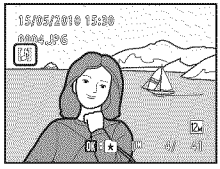
See "Image/Sound File and Folder Names" (📖 151) for more information.

Playing Voice Memos

Pictures for which voice memos have been recorded are indicated by [♪] in full-frame playback mode.

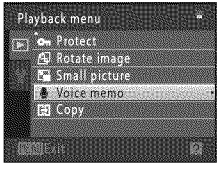
1 Select the desired picture in full-frame playback mode (□ 28) or thumbnail playback mode (□ 69) and press the MENU button.

The playback menu is displayed.



2 Use the multi selector to choose **Voice memo** and press the OK button.

The voice memo playback screen is displayed.

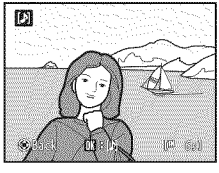


3 Press the OK button to play the voice memo.

Press the OK button again to stop playback.

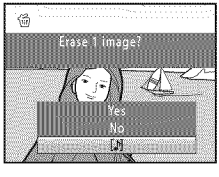
Rotate the zoom control to **T** or **W** during playback to adjust playback volume.

Press the MENU button before or after playing a voice memo to return to full-frame playback mode.



Deleting Voice Memos

Select a picture with a voice memo and press the 🗑 button. Use the multi selector to choose [♪] and press the OK button. Only the voice memo will be deleted.



Notes on Voice Memos

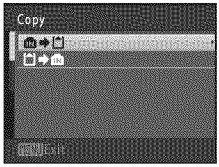
- When a picture with a voice memo attached is deleted, both the picture and its voice memo are deleted.
- If a voice memo already exists for the current picture, it must be deleted before a new voice memo can be recorded.
- The COOLPIX S3000 is not able to record a voice memo for pictures taken with another make or model of digital camera.

Copy (Copy Between Internal Memory and Memory Card)

▶ button (Playback mode) ➔ MENU (Playback menu) ➔ Copy

Copy pictures between the internal memory and a memory card.

1 Use the multi selector to select an option from the copy screen and press the ⓞ button.



IN ➔ : Copy pictures from internal memory to memory card.

➔ IN: Copy pictures from memory card to internal memory.

2 Select a copy option and press the ⓞ button.

Selected images: Copy pictures selected from the picture selection screen (📖 93).

All images: Copy all pictures.

Notes on Copying Pictures

- JPEG-, AVI-, and WAV-format files can be copied. Files recorded in any other format cannot be copied.
- If voice memos (📖 95) are attached to pictures selected for copying, voice memos are copied with the pictures.
- Operation is not guaranteed with pictures taken with another make of camera or that have been modified on a computer.
- When copying pictures selected for a **Print set** (📖 87), the print set marking is not copied. However, **Protect** (📖 94) settings are copied with pictures.
- Pictures or movies copied from the internal memory or a memory card cannot be displayed in auto sort mode (📖 80).
- When pictures added to albums (📖 74) are copied, the copies are not automatically added to the same albums as the original pictures.

"Memory contains no images." Message

If there are no pictures stored on the memory card when playback mode is applied, the message **Memory contains no images.** will be displayed. Press the MENU button to display the copy option screen, and copy the pictures stored in the camera's internal memory to the memory card.

More Information

See "Image/Sound File and Folder Names" (📖 151) for more information.

Editing Functions

Use the COOLPIX S3000 to edit pictures in-camera and store them as separate files (📖 151). The editing functions described below are available.

Editing function	Description
Quick retouch (📖 100)	Easily create retouched copies in which contrast and saturation have been enhanced.
D-Lighting (📖 101)	Create a copy of the current picture with enhanced brightness and contrast, brightening dark portions of the picture.
Skin softening (📖 102)	The camera detects faces and creates a copy of the picture with softer skin tones in the faces of portrait subjects.
Small picture (📖 104)	Create a small copy of pictures suitable for use as e-mail attachments.
Crop (📖 105)	Enlarge the image or refine the composition and create a copy containing only the portion visible in the monitor.

Notes on Picture Editing

- Pictures taken at an **Image mode** setting of **3968×2232** (📖 37) cannot be edited.
- The COOLPIX S3000 editing functions are not available for pictures taken with another model of digital cameras.
- If no face is recognized in a picture, a copy cannot be created using the skin softening option (📖 102).
- Edited copies created with this camera may not be displayed properly on a different model of digital camera. It may also be impossible to transfer them to a computer using a different model of digital camera.
- Editing functions are not available when there is not enough free space in the internal memory or on the memory card to store the edited copies.

Restrictions on Picture Editing

When an edited copy is further modified with another editing function, check the following restrictions.

Editing function used	Editing function to add
Quick retouch D-Lighting	The skin softening, small picture and crop functions can be added. The quick retouch and D-Lighting functions cannot be used together.
Skin softening	The quick retouch, D-Lighting, small picture, and crop function can be added.
Small picture Crop	Another editing function cannot be added.

- Copies created with editing functions cannot be further edited with the same function used to create them.
- When combining the small picture or crop function and another editing function, use the small picture and crop functions after other editing functions have been applied.
- The skin softening function can be added to the picture taken with skin softening (📖 64).

Original and Edited Pictures

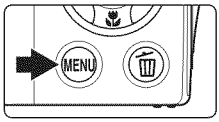
- Copies created with editing functions are not deleted if the original pictures are deleted. The original pictures are not deleted if copies created with editing functions are deleted.
- Edited copies are stored with the same recording date and time as the original.
- Print marking (📖 87) and protect settings (📖 94) do not remain effective in edited copies.

Quick Retouch: Enhancing Contrast and Saturation

Quick retouch can be used to easily create retouched copies in which contrast and saturation have been enhanced. New copies are stored as separate files.

1 Select the desired picture from full-frame (28) or thumbnail (69) playback mode and press the **MENU** button.

The playback menu is displayed.



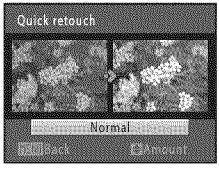
2 Use the multi selector to choose **Quick retouch** and press the **OK** button.

The original version is displayed on the left and the edited version is displayed on the right.

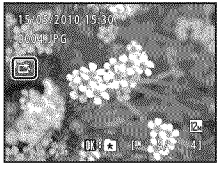
3 Press the multi selector ▲ or ▼ to choose the degree of enhancement performed and press the **OK** button.

A new copy is created.

To exit without saving the copy, press the **MENU** button.



Copies created with the quick retouch option can be recognized by the icon displayed during playback.



More Information

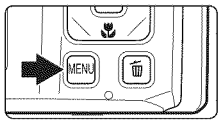
See "Image/Sound File and Folder Names" (151) for more information.

D-Lighting: Enhancing Brightness and Contrast

D-Lighting can be used to create copies with enhanced brightness and contrast, brightening dark portions of a picture. New copies are stored as separate files.

1 Select the desired picture from full-frame (28) or thumbnail (69) playback mode and press the **MENU** button.

The playback menu is displayed.



2 Use the multi selector to choose **D-Lighting** and press the OK button.

The original version is displayed on the left and the edited version is displayed on the right.

3 Choose **OK** and press the OK button.

A new copy with enhanced brightness and contrast is created.

To exit without saving the copy, choose **Cancel** and press the OK button.

D-Lighting copies can be recognized by the icon displayed during playback.

More Information

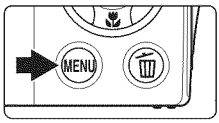
See "Image/Sound File and Folder Names" (151) for more information.

Skin Softening: Softening Skin Tones

The camera detects faces in pictures and creates a copy with softer facial skin tones. Copies created with the skin softening function are stored as separate files.

1 Select the desired picture in full-frame (28) or thumbnail (69) playback mode and press the **MENU** button.

The playback menu is displayed.



2 Use the multi selector to choose **Skin softening** and press the **OK** button.

The screen for selecting the degree of softening is displayed.

If no faces are recognized in the picture, an alert is displayed and the camera returns to the playback menu.

3 Press the multi selector ▲ or ▼ to choose the degree of enhancement performed and press the **OK** button.

The confirmation screen is displayed with the face to which skin softening was applied enlarged at the center of the monitor.

To exit without saving the copy, press the **MENU** button.

4 Check the enhancement performance.

Skin tones in up to 12 faces, in the order of that closest to the center of the frame, are softened.

If more than one face was softened, press the multi selector ◀ or ▶ to display a different face.

To change the degree of effect, press the **MENU** to return to step 3.

Press the **OK** button to display a new, created copy.

Copies created with the skin softening function can be recognized by the indicator displayed during playback.

Note on Skin Softening

Depending upon the direction in which faces are looking, or the brightness of faces, the camera may be unable to accurately recognize faces, or the skin softening function may not perform as expected.

More Information

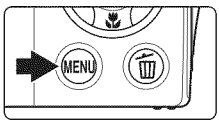
See "Image/Sound File and Folder Names" (📖 151) for more information.

Small Picture: Resizing Pictures

Create a small copy of the current picture. This feature is useful for displaying on Web pages and using as e-mail attachments. Small copies are stored as JPEG files with a compression ratio of 1:16. The 640×480, 320×240, and 160×120 sizes are available.

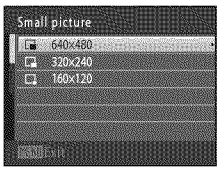
1 Select the desired picture from full-frame (28) or thumbnail (69) playback mode and press the MENU button.

The playback menu is displayed.



2 Use the multi selector to choose **Small picture** and press the OK button.

3 Choose the desired copy size and press the OK button.

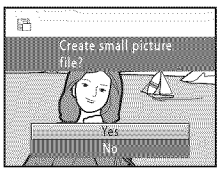


4 Choose **Yes** and press the OK button.

A new, smaller copy is created.

To exit without saving the copy, choose **No** and press the OK button.

The copy is displayed with a gray frame.



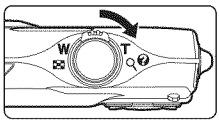
More Information

See "Image/Sound File and Folder Names" (151) for more information.

Crop: Creating a Cropped Copy

Create a copy containing only the portion visible in the monitor when MENU is displayed with playback zoom (📖 72) enabled. Cropped copies are stored as separate files.

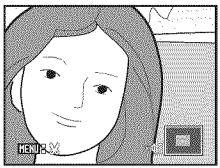
1 Rotate the zoom control to T (Q) in full-frame playback mode to zoom in on the image.



To crop a picture displayed in "tall" (portrait) orientation, zoom in on the picture until the black bars displayed on the both sides of the monitor disappear. The cropped picture will be displayed in landscape orientation.

To crop the picture in its current "tall" (portrait) orientation, first use the **Rotate image** option (📖 94) to rotate the picture so that it is displayed in landscape orientation. Next, enlarge the picture for cropping, crop the picture, and then rotate the cropped picture back to "tall" (portrait) orientation.

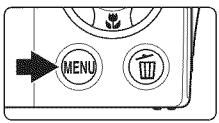
2 Refine copy composition.



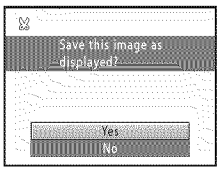
Rotate the zoom control to T (Q) or W (▦) to adjust the zoom ratio.

Press the multi selector ▲, ▼, ◀ or ▶ to scroll the picture until only the portion you want to copy is visible in the monitor.

3 Press the MENU button.



4 Use the multi selector to choose **Yes** and press the OK button.



A cropped copy is created.

To exit without saving the copy, choose **No** and press the OK button.

Image Size

As the area to be saved is reduced, the image size (pixels) of the cropped copy is also reduced. When the size of the cropped copy is 320 × 240 or 160 × 120, a gray frame is displayed around the picture during playback, and the small picture icon 🖼 or 🖼 is displayed at the left of the monitor in full-frame playback mode.

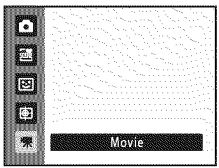
More Information

See "Image/Sound File and Folder Names" (📖 151) for more information.

Recording Movies

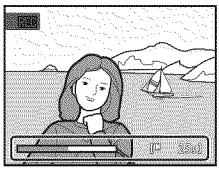
To shoot movies with sound recorded via the built-in microphone, enter shooting mode and follow the steps below.

1 Press the 📷 button in shooting mode to display the shooting mode menu and press the multi selector ▲ or ▼ to select 🎥, and then press the ⓞ button.



The maximum movie length that can be recorded is displayed in the monitor (📖 108). The maximum recording time for a single movie is 29 minutes. The maximum file size for a single movie is 2 GB, even when there is sufficient free space on the memory card for a larger movie file.

2 Press the shutter-release button all the way down to start recording.



The camera focuses on the subject at the center of the frame.

A progress bar at the bottom of the monitor shows the amount of recording time remaining.

To end recording, press the shutter-release button all the way down a second time.

Recording stops automatically when the maximum movie length has been recorded.

Recording Movies

- Optical zoom cannot be adjusted once movie recording begins. Digital zoom cannot be applied before movie recording begins. However, digital zoom can be applied (up to 2×) while movies are being recorded.
- There may be some degradation in image quality when digital zoom is used.
- The angle of view (recordable area) with movie recording is narrower than with shooting of still pictures.
- Smear (📖 148) visible in the monitor with movie recording will be recorded with movies. Avoiding bright objects such as the sun, reflections of the sun, and electric lights when recording movies is recommended.

Note on Saving Movies

After a movie has been recorded, it is not fully saved to the internal memory or memory card until monitor display returns to the shooting display. ***Do not open the battery-chamber/memory card slot cover*** before movies have been fully saved. Removing the memory card while movies are being saved could result in loss of data or in damage to the camera or card.

Note on Autofocus

When **AF Single AF** (default setting) is selected for **Autofocus mode** in movie menu, focus locks when the shutter-release button is pressed (📖 109).

Functions Available with Movie Recording

- Macro mode (📖 33) is available. Confirm settings before starting movie recording. The flash (📖 30), self-timer (📖 32) and exposure compensation (📖 34) cannot be used.
- Press the **MENU** button to display the (movie) menu (📖 108) and adjust **Movie options**, **Autofocus mode**, and **Electronic VR**.

The Movie Menu

The movie menu can be used to adjust **Movie options** (📖 108), **Autofocus mode** (📖 109), and **Electronic VR** (📖 109) settings.

Select 🎥 (Movie) from the movie mode, then press the MENU button (📖 10) to display the movie menu and use the multi selector (📖 9) to modify and apply settings.

🎥 Movie Options

🎥 (Movie) ➔ MENU (Movie menu) ➔ 🎥 (Movie options)

The movie menu offers the options shown below.

Option	Image size and frame rate
TV movie 640 (default setting)	Image size: 640 × 480 pixels Frame rate: 30 frames per second
Small size 320	Image size: 320 × 240 pixels Frame rate: 30 frames per second

Movie Options and Maximum Movie Length

Option	Internal memory (approx. 47 MB)	Memory card (4 GB)
TV movie 640 (default setting)	32 s	46 min
Small size 320	1 min 55 s	2 h 45 min

* All figures are approximate. The maximum recording time may vary with make of memory card.
* The maximum recording time for a single movie is 29 minutes. The maximum file size for a single movie is 2 GB, even when there is sufficient free space on the memory card for a larger movie file. The maximum movie length that can be recorded for a single movie is displayed during recording.

More Information

See "Image/Sound File and Folder Names" (📖 151) for more information.

Autofocus Mode

(Movie) → MENU (Movie menu) → Autofocus mode

Choose how the camera focuses in movie mode.

Option	Description
AF-S Single AF (default setting)	Focus is locked when the shutter-release button is pressed.
AF-F Full-time AF	Camera focuses continuously during movie recording. To prevent sound of camera focusing from interfering with recording, use of **Single AF** is recommended

Electronic VR

(Movie) → MENU (Movie menu) → Electronic VR

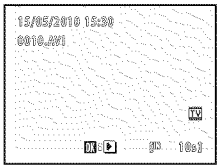
Choose whether to use electronic VR (vibration reduction) when shooting movies.

Option	Description
On	Reduce the effects of camera shake in all movie modes.
Off (default setting)	Disable electronic VR

At setting other than **Off**, the icon for the current setting is displayed in the monitor (📖 6).

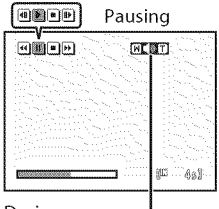
Movie Playback

In full-frame playback mode (📖 28), movies are recognized by the **Movie options** icon (📖 108). To play a movie, display it in full-frame playback mode and press the ⓞ button.



Rotate the zoom control to **T** or **W** to adjust playback volume.

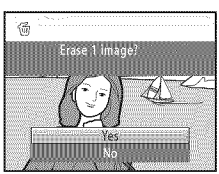
Playback controls are displayed at the top of the monitor. Press the multi selector ◀ or ▶ to choose a control, then press the ⓞ button to perform the selected operation. The operations described below are available.



To	Use	Description	
Rewind	◀◀	Hold down the ⓞ button to rewind movie.	
Fast-forward	▶▶	Hold down the ⓞ button to fast-forward movie.	
Pause	❚❚	Press the ⓞ button to pause playback. The following operations can be performed while playback is paused using the controls displayed at top in the monitor.	
		◀❚	Press the ⓞ button to rewind movie one frame. Hold down the ⓞ button for continuous frame-by-frame rewind.
		❚▶	Press the ⓞ button to advance movie one frame. Hold down the ⓞ button for continuous frame-by-frame advance.
		▶	Press the ⓞ button to resume playback.
End	■	Press the ⓞ button to return to full-frame playback mode.	

Deleting Movie

Select a movie and press the 🗑 button in full-frame playback mode (📖 28) or thumbnail playback mode (📖 69). A confirmation dialog is displayed. Choose **Yes** and press the ⓞ button to delete the movie, or choose **No** and press the ⓞ button to return to the normal playback display without deleting the movie.



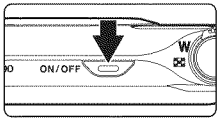
Movie Playback

Movies recorded by a camera other than the COOLPIX S3000 cannot be played back.

Connecting to a TV

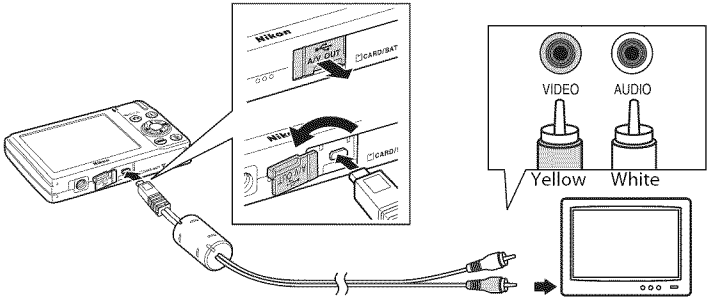
Connect the camera to a television using the supplied audio/video cable to play back pictures on a television.

1 Turn off the camera.



2 Connect the camera to the TV using the supplied audio/video cable.

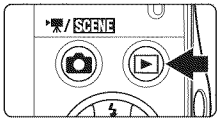
Connect the yellow plug to the video-in jack and the white plug to the audio-in jack on the TV.



3 Tune the television to the video channel.

See the documentation provided with your television for details.

4 Hold down the ▶ button to turn on the camera.



The camera enters playback mode and pictures are displayed on the television.

While connected to the TV, the camera monitor will remain off.

Connecting the Audio/Video Cable

When connecting the audio/video cable, be sure that the camera connector is properly oriented. Do not use force when connecting the audio/video cable to the camera. When disconnecting the audio/video cable, do not pull the connector at an angle.

Video Mode

Be sure that the camera's video mode setting conforms to the standard used by your television. The video mode setting is specified from the **Video mode** (📖 139) option in the **Set up** menu (📖 125).

Connecting to a Computer

Use the supplied USB cable to connect the camera to a computer, and copy (transfer) pictures to a computer with the supplied Nikon Transfer software.

Before Connecting the Camera

Install the Software

Before connecting the camera to a computer, software, including Nikon Transfer, ViewNX for displaying transferred pictures, and Panorama Maker for creating panorama photos, must be installed using the supplied Software Suite CD.

For more information on installing the software, refer to the *Quick Start Guide*.

Compatible Operating Systems

Windows

- Windows 7 (Home Basic/Home Premium/Professional/Enterprise/Ultimate editions)
- Windows Vista Service Pack 2 (Home Basic/Home Premium/Business/ Enterprise/Ultimate editions)
- 32-bit versions of Windows XP Service Pack 3 (Home Edition/Professional)

Macintosh

Mac OS X (version 10.4.11, 10.5.8, 10.6)

Refer to the Nikon website for the latest information on operating system compatibility.

Note on Computer Connection

Disconnect other USB devices such as commercial USB chargers from the computer. Simultaneous connection of the camera and other USB devices to the computer could result in operation malfunction or excessive supply of power to the camera, causing damage to the camera or memory card. Refer to the documentation supplied with other USB devices for more information.

Notes on Power Source

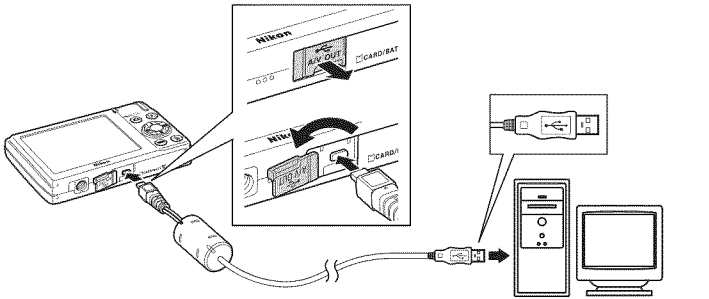
- When connecting the camera to a computer to transfer pictures, use a fully charged battery to prevent the camera from turning off unexpectedly.
- When the camera is connected to a computer via the supplied USB cable with **Auto** (default setting) selected for the **Charge by computer** option in the setup menu, the battery inserted into the camera is automatically charged using power supplied by the computer (📖 117, 140). Pictures can be transferred while the battery is charging.
- If the AC Adapter EH-62D (📖 149) (available separately) is used, COOLPIX S3000 can be powered from an electrical outlet. Do not use any other make or model of AC adapter as they may cause the camera to overheat or malfunction.

Transferring Pictures from the Camera to a Computer

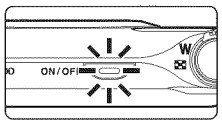
1 Start the computer to which Nikon Transfer was installed.

2 Be sure that the camera is off.

3 Connect the camera to the computer using the supplied USB cable.



The camera automatically turns on and the power-on lamp will light. The camera monitor will remain off.



Connecting the USB Cable

- Be sure that connectors are properly oriented. Do not attempt to insert connectors at an angle, and do not use force when connecting or disconnecting the USB cable.
- The connection may not be recognized if the camera is connected to the computer via a USB hub.

4 Start Nikon Transfer installed on the computer.

- **Windows 7**

  When the **Devices and Printers** ▶ **S3000** screen is displayed, click **Change program** under **Import pictures and videos**. Select **Copy pictures to a folder on my computer** in the **Change program** dialog and click **OK**.

  Double-click **Copy pictures to a folder on my computer** on the **Devices and Printers** ▶ **S3000** screen.
- **Windows Vista**

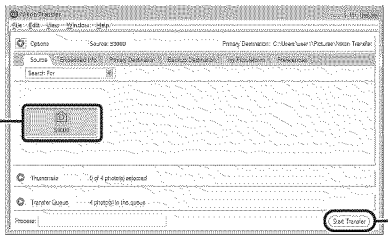
  When the **AutoPlay** dialog is displayed, click **Copy pictures to a folder on my computer using Nikon Transfer**.
- **Windows XP**

  When the action selection dialog is displayed, select **Nikon Transfer Copy pictures to a folder on my computer** and click **OK**.
- **Mac OS X**

  Nikon Transfer will start automatically when the camera is connected to the computer if **Yes** was selected in the Auto-Launch setting dialog when Nikon Transfer was first installed.

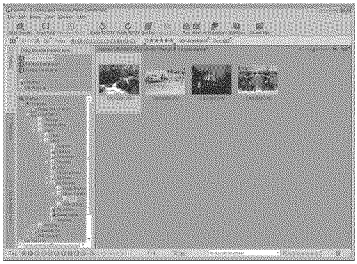
- If charge for the battery inserted into the camera is low, the computer may not recognize the camera. If the camera is not recognized, pictures will not be transferred. When battery charging starts automatically using power supplied by the computer, wait until battery charge has reached a sufficient level to begin transfer.
- If there are a large number of images on the memory card, it may take some time for Nikon Transfer to start.

5 Confirm that the source device is displayed in the transfer options **Source** panel and click **Start Transfer**.



At the Nikon Transfer default settings, all pictures are transferred to the computer.

At the Nikon Transfer default settings, ViewNX starts automatically when transfer is complete and transferred pictures can be viewed.



For more information on using Nikon Transfer or ViewNX, refer to help information contained in Nikon Transfer or ViewNX (116).

Disconnecting the camera

Do not turn off the camera or disconnect the camera from the computer during transfer.

When transfer is complete, turn off the camera and disconnect the USB cable.

The camera turns off automatically if there is no communication with the computer for 30 minutes while the camera is connected via the USB cable.

Charging the Battery

The charge lamp slowly blinks green while the battery inserted into the camera is charging (117).

Using a Card Reader

The pictures stored on the memory card inserted into a card reader or similar device can also be transferred to the computer using Nikon Transfer.

- If the memory card capacity is 2 GB or more, or if the memory card is SDHC-compliant, the card reader or similar device must support these memory card specification.
- Insert a memory card into the card reader or similar device, and refer to the steps 4 and 5 (114) to transfer pictures.
- To transfer pictures stored in the camera's internal memory to the computer, the pictures must first be copied to a memory card using the camera (97).

Starting Nikon Transfer or ViewNX Manually

Windows

Choose **Start** menu>**All Programs**>**Nikon Transfer**>**Nikon Transfer** (or **All Programs**>**ViewNX**>**ViewNX**).

Double-clicking the Nikon Transfer or ViewNX shortcut icon on the desktop will also start Nikon Transfer or ViewNX.

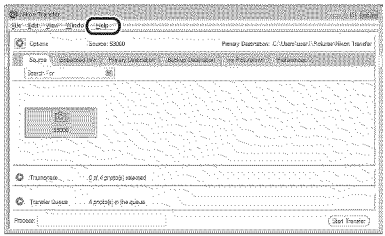
Macintosh

Open **Applications** and double-click **Nikon Software**>**Nikon Transfer**>**Nikon Transfer** (or **Nikon Software**>**ViewNX**>**ViewNX**).

Clicking the Nikon Transfer or ViewNX icon on the Dock will also start Nikon Transfer or ViewNX.

Viewing Nikon Transfer and ViewNX Help Information

For more information on Nikon Transfer or ViewNX, start Nikon Transfer or ViewNX and select **Nikon Transfer Help** or **ViewNX Help** from the **Help** menu.



Panorama Creation with Panorama Maker

- Use a series of pictures taken in **Panorama assist** scene mode (📖 59) to create a single panorama photo with Panorama Maker.
- Panorama Maker can be installed on a computer using the supplied Software Suite CD.
- After installation is complete, follow the procedure described below to start Panorama Maker.

  Windows

  Choose **Start** menu>**All Programs**>**ArcSoft Panorama Maker 5**>**Panorama Maker 5**.

  Macintosh

  Open **Applications** and double-click the **Panorama Maker 5** icon.
- For more information on using Panorama Maker, refer to the on-screen instructions and help information contained in Panorama Maker.

Image File Names and Folder Names

See "Image/Sound File and Folder Names" (📖 151) for more information.

Charging While Connecting to a Computer

When connecting the camera to a computer via the supplied USB cable while **Auto** (default setting) is selected for the **Charge by computer** option (📖 140) in the setup menu, the battery inserted into the camera is automatically charged using power supplied by the computer.

See "Before Connecting the Camera" (📖 112) and "Transferring Pictures from the Camera to a Computer" (📖 113) for more information on connecting the camera to a computer.

Charge Lamp

The following chart explains charge lamp status when the camera is connected to a computer.

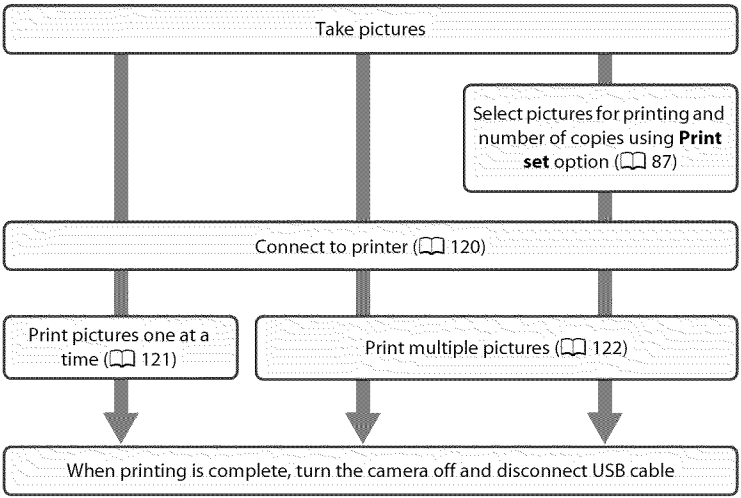
Charge lamp	Description
Slow blinking (green)	Battery charging.
Off	Not charging. If the charge lamp changes from slow blinking (green) to off while the power-on lamp is lit, charging is complete.
Fast blinking (green)	• Operating temperature range exceeded. Charge the battery indoors with an ambient temperature of 5 °C to 35 °C (41 °F to 95 °F) before use. • A USB cable is not correctly connected or the battery is faulty. Reconnect the USB cable correctly or replace the battery. • Computer is in sleep mode and does not supply power. Reboot a computer. • The battery cannot be charged as computer's specifications or setting does not support power supply to the camera.

Notes on Charging with Connection to a Computer

- The battery cannot be charged, nor can data be transferred, when the camera is connected to a computer before the camera's date and time have been set (📖 18). If the camera's clock battery (📖 130) has been exhausted, the date and time must be reset before the battery can be charged or images can be transferred with connection to a computer. In this case, use the Charging AC Adapter EH-68P (📖 14) to charge the battery and then set the camera's date and time.
- If the camera is turned off, charging will also stop.
- If a computer enters sleep mode while charging, charging will stop and the camera may be turned off.
- When disconnecting the camera from a computer, turn the camera off and then disconnect the USB cable.
- It may take longer to charge the battery with connection to a computer than with charging using the Charging AC Adapter EH-68P. Charging time increases when image are transferred while the battery is charging.
- When the camera is connected to a computer, an application installed on the computer, such as Nikon Transfer, may start. If the camera was connected to the computer for the sole purpose of charging the battery, exit the application.
- The camera turns off automatically if there is no communication with the computer for 30 minutes after the battery has finished charging.
- Depending upon computer specifications, settings, and power supply and allocation, it may be impossible to charge the battery inserted into the camera via computer connection.

Connecting to a Printer

Users of PictBridge-compatible (📖 166) printers can connect the camera directly to the printer and print pictures without using a computer. Follow the procedures below to print pictures.


Take pictures
Select pictures for printing and number of copies using **Print set** option (📖 87)
Connect to printer (📖 120)
Print pictures one at a time (📖 121)
Print multiple pictures (📖 122)
When printing is complete, turn the camera off and disconnect USB cable

Notes on Power Source

- When connecting the camera to a printer, use a fully charged battery to prevent the camera from turning off unexpectedly.
- If the AC Adapter EH-62D (available separately) is used, COOLPIX S3000 can be powered from a home electrical outlet. Do not use any other make or model of AC adapter as they may cause the camera to heat up or malfunction.

Printing Pictures

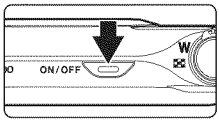
In addition to printing pictures transferred to a computer and printing over a direct camera-to-printer connection, the following options are also available for printing pictures:

- Inserting a memory card into a DPOF-compatible printer's card slot
- Taking a memory card to a digital photo lab

For printing using these methods, specify the pictures and the number of prints each to the memory card using the **Print set** option in the playback menu (📖 87).

Connecting the Camera to a Printer

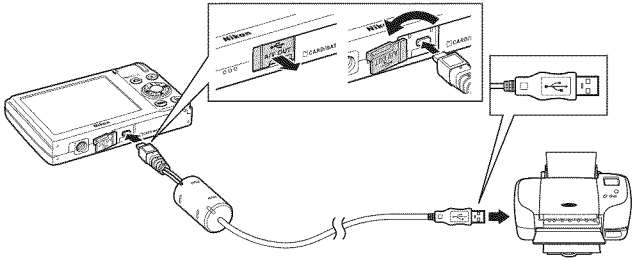
1 Turn off the camera.



2 Turn on the printer.

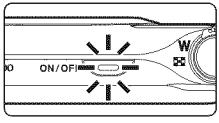
Check printer settings.

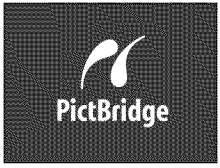
3 Connect the camera to the printer using the supplied USB cable.

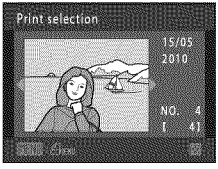


4 The camera is automatically turned on.

When properly connected, the **PictBridge** startup screen (①) will be displayed in the camera monitor, followed by the **Print selection** screen (②).



① 

② 

Connecting the USB Cable

When connecting the USB cable, be sure that the connectors are properly oriented. Do not use force when connecting the USB cable. When disconnecting the USB cable, do not pull the connector at an angle.

If the PictBridge Screen is not Displayed

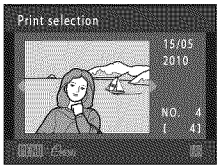
Turn off the camera and disconnect the USB cable. Set **Charge by computer** (📖 140) in the camera's setup menu to **Off**, then connect the camera again.

Printing Pictures One at a Time

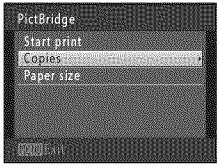
After properly connecting the camera to the printer (🕮 120), follow the procedure described below to print a picture.

1 Use the multi selector to choose the desired picture and press the ⓞ button.

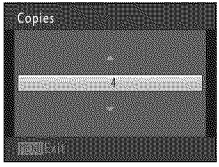
Rotate the zoom control to **W** (▪▪) to switch to 12-thumbnail display, and to **T** (🔍) to switch back to full-frame playback.



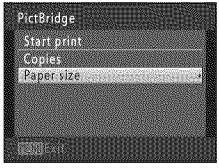
2 Choose **Copies** and press the ⓞ button.



3 Choose the number of copies (up to nine) and press the ⓞ button.

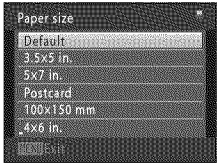


4 Choose **Paper size** and press the ⓞ button.

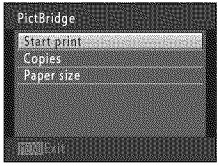


5 Choose the desired paper size and press the ⓞ button.

To specify paper size using printer settings, choose **Default** in the paper size menu.



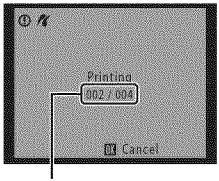
6 Choose **Start print** and press the OK button.



7 Printing begins.

Monitor display returns to the print selection screen shown in step 1 when printing is complete.

To cancel printing before all copies have been printed, press the OK button.



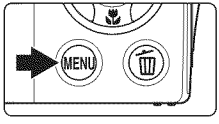
Current number of copies/ total number of prints

Printing Multiple Pictures

After properly connecting the camera to the printer (📖 120), follow the procedure described below to print multiple pictures.

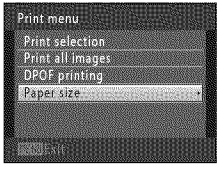
1 When the **Print selection** screen is displayed, press the MENU button.

The **Print menu** screen is displayed.



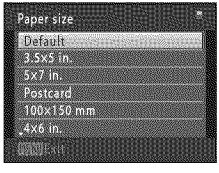
2 Use the multi selector to choose **Paper size** and press the OK button.

To exit the print menu, press the MENU button.

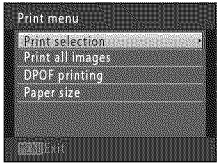


3 Choose the desired paper size and press the OK button.

To specify paper size using printer settings, choose **Default** in the paper size menu.



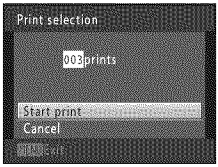
4 Choose **Print selection**, **Print all images** or **DPOF printing** and press the ⓞ button.



Print selection

Choose pictures (up to 99) and the number of copies (up to nine) of each.

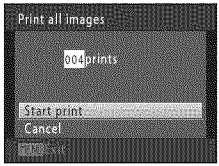
- Press the multi selector ◀ or ▶ to select pictures, and press ▲ or ▼ to specify the number of copies for each.
- Picture selected for printing can be recognized by the check mark (✓) and the numeral indicating the number of copies to be printed. If no copies have been specified for pictures, the selection is canceled.
- Rotate the zoom control to **T** (Q) to switch to full-frame playback.
  Rotate the zoom control to **W** (▦) to switch back to 12-thumbnail display.
- Press the ⓞ button when setting is complete.
- When the menu shown at right is displayed, choose **Start print** and press the ⓞ button to start printing.
  Choose **Cancel** and press the ⓞ button to return to the print menu.



Print all images

One copy each of all pictures stored in the internal memory, or on the memory card, is printed.

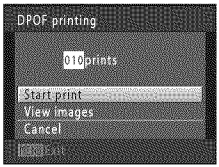
- When the menu shown at right is displayed, choose **Start print** and press the ⓞ button to start print. Choose **Cancel** and press the ⓞ button to return to the print menu.



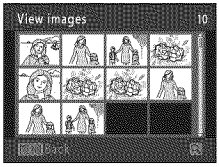
DPOF printing

Print pictures for which a print order was created using the **Print set** option (📖 87).

- When the menu shown at right is displayed, choose **Start print** and press the ⓞ button to start printing. Choose **Cancel** and press the ⓞ button to return to the print menu.



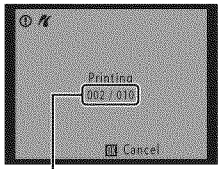
- To view the current print order, choose **View images** and press the ⓞ button. To print pictures, press the ⓞ button again.



5 Printing begins.

Monitor display returns to the print menu (step 2) when printing is complete.

To cancel printing before all copies have been printed, press the ⓞ button.



Current print/
total number of prints

Paper size

The camera supports the following paper sizes: **Default** (the default paper size for the current printer), **3.5×5 in.**, **5×7 in.**, **100×150 mm**, **4×6 in.**, **8×10 in.**, **Letter**, **A3**, and **A4**. Only sizes supported by the current printer will be displayed. To specify paper size using printer settings, choose **Default** in the paper size menu.

Setup Menu

The setup menu contains the following options.

Menus 127

Choose how menus are displayed.

Welcome screen 128

Choose whether or not a welcome screen is displayed when the camera is turned on.

Date 129

Set camera clock and choose home and destination time zones.

Monitor settings 132

Adjust photo information display, post-shooting image review, and monitor brightness settings.

Date imprint 133

Imprint shooting date and time on pictures.

Electronic VR 134

Choose whether to use electronic VR (vibration reduction) when taking still pictures.

Motion detection 135

Enable or disable motion detection, which reduces the effects of subject movement and camera shake in still pictures.

AF assist 136

Enable or disable AF-assist illumination.

Digital zoom 136

Enable or disable digital zoom.

Sound settings 137

Adjust sound settings.

Auto off 137

Set time before camera enters standby mode for saving power.

Format memory/Format card 138

Format internal memory or memory card.

Language 139

Choose the language used for camera monitor display.

Video mode 139

Adjust settings necessary for connection to television.

Charge by computer (📖 140)

Choose whether or not to charge the camera battery when connecting to a computer via the USB cable.

Blink warning (📖 141)

Specify whether or not the camera detects human subjects that have blinked with shooting using face priority.

Reset all (📖 143)

Restore camera settings to the default.

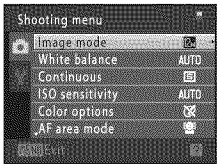
Firmware version (📖 145)

Display camera firmware version.

Displaying the Setup Menu

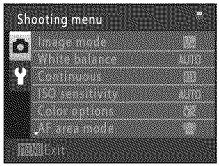
1 Press the MENU button to display the menu screen.

If the MENU button was pressed in Scene mode, press the multi selector (📖 9) ◀ to display the tabs.

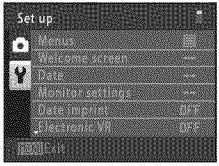


2 Press the multi selector (📖 9) ◀.

Tab selection is activated.



3 Press ▲ or ▼ to select the tab.

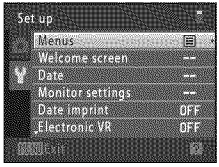


4 Press ▶ or the OK button.

The setup menu items can be selected.

Use the multi selector to choose items and adjust menu options (📖 9).

To exit the setup menu, press the MENU button or ◀ to select a different tab.



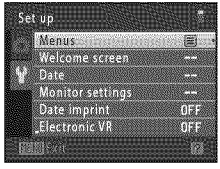
Menus

MENU button → (Setup menu) (📖 126) → Menus

Choose the initial menus displayed.

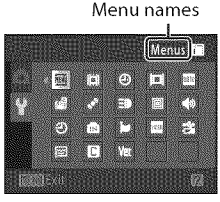
Text (default setting)

Menus are displayed in list format.



Icons

All menu items can be displayed in a single screen.



Menu names

Welcome Screen

MENU button → (Setup menu) (📖 126) → Welcome screen

Choose whether or not a welcome screen is displayed when the camera is turned on.

None (default setting)

The camera enters shooting or playback mode without displaying the welcome screen.

COOLPIX

The camera displays a welcome screen and enters shooting or playback mode.

Select an image

Displays a picture selected for the welcome screen. When the picture selection screen is displayed, select a picture (📖 93) and press OK button.

- As the selected picture is stored by the camera, it will be displayed when the camera is turned on even if the original picture is deleted.
- Pictures taken at an **Image mode** (📖 37) setting of **3968×2232**, and copies created at a size of 320 × 240 or smaller using the small picture (📖 104) or crop (📖 105) function, cannot be used.

Date

MENU button → (Setup menu) (126) → Date

Set the camera clock.

Date

Set camera clock to current date and time.
Use the multi selector to set the date and time in the date screen.

- Highlight a different item (day, month, year, hour, minute, and the order in which day, month, and year are displayed): press ◀ or ▶.
- Edit the highlighted item: press ▲ or ▼.
- Apply the setting: select the order in which day, month, and year are displayed and press the OK button (19).

Time zone

Home time zone can be specified and daylight saving enabled or disabled from **Time zone** options. When the destination time zone (✈) is selected, local time (131) is automatically calculated and date and time in the selected region are recorded with pictures. Useful when traveling.

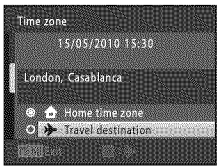
Selecting Travel Destination Time Zone

1 Use the multi selector to choose **Time zone** and press the OK button.

The **Time zone** menu is displayed.

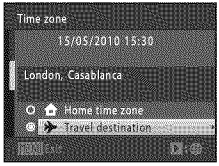
2 Choose ✈ **Travel destination** and press the OK button.

The date and time displayed in the monitor changes according to the region currently selected.



3 Press ▶.

The time zone selection screen is displayed.

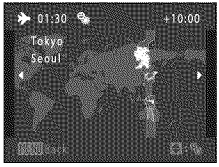


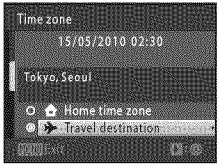
4 Press ◀ or ▶ to choose the travel destination time zone.

Press ▲ in a time zone where daylight saving is in effect to enable the daylight saving time function and automatically advance the time by one hour. The icon will be displayed at the top of the monitor. Press ▼ to disable the daylight saving time function.

Press the OK button to choose the travel destination time zone.

While the travel destination time zone is selected, the icon will be displayed in the monitor when the camera is in shooting mode.





Notes on the Clock Battery

The camera clock is powered by the clock battery. The clock battery charges when the main battery is inserted or an AC adapter is connected, and can provide several days of backup power after about ten hours of charging.

Home Time Zone

- To switch to the home time zone, choose **Home time zone** in step 2 and press the OK button.
- To change the home time zone, choose **Home time zone** in step 2 and complete steps 3 and 4.

Daylight Saving Time

When daylight saving time starts or ends, turn the daylight saving time function on or off from the time zone selection screen displayed in step 4.

Imprinting the Date on Pictures

Enable date imprint from the **Date imprint** option (📖 133) in the setup menu after the date and time have been set. When the **Date imprint** option is enabled, pictures will be recorded with shooting date imprinted on them.

Time Zones

The camera supports the time zones listed below. For time zone not listed below, set the camera clock to local time.

UTC +/–	Location	UTC +/–	Location
–11	Midway, Samoa	+1	Madrid, Paris, Berlin
–10	Hawaii, Tahiti	+2	Athens, Helsinki, Ankara
–9	Alaska, Anchorage	+3	Moscow, Nairobi, Riyadh, Kuwait, Manama
–8	PST (PDT): Los Angeles, Seattle, Vancouver	+4	Abu Dhabi, Dubai
–7	MST (MDT): Denver, Phoenix	+5	Islamabad, Karachi
–6	CST (CDT): Chicago, Houston, Mexico City	+5.5	New Delhi
–5	EST (EDT): New York, Toronto, Lima	+6	Colombo, Dhaka
–4.5	Caracas	+7	Bangkok, Jakarta
–4	Manaus	+8	Beijing, Hong Kong, Singapore
–3	Buenos Aires, Sao Paulo	+9	Tokyo, Seoul
–2	Fernando de Noronha	+10	Sydney, Guam
–1	Azores	+11	New Caledonia
±0	London, Casablanca	+12	Auckland, Fiji

Monitor Settings

MENU button → (Setup menu) (📖 126) → Monitor settings

Set the options below.

Photo info

Choose information displayed in the monitor during shooting and playback mode.

Image review

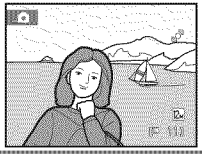
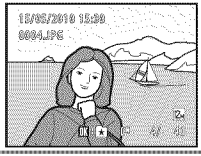
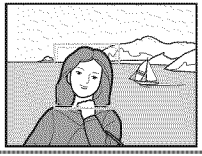
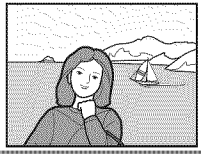
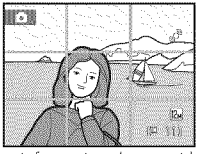
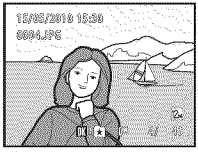
On (default setting): Picture is automatically displayed in the monitor immediately after it is taken and the monitor display returns to shooting mode.
Off: Picture is not displayed after it is taken.

Brightness

Choose from five settings for monitor brightness. The default setting is **3**.

Photo Info

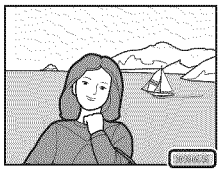
Select whether or not the photo information is displayed in the monitor.
See "The Monitor" (📖 6) for information on indicators displayed in the monitor.

	Shooting mode	Playback mode
Show info		
Auto info (default setting)	Current settings and operational guides are displayed as in **Show info** above. If no operations are performed for a few seconds, the display will be the same as **Hide info**. Information will be displayed again when the next operation is performed.	
Hide info		
Framing grid	 In addition to information shown with **Auto info** above, a framing grid is displayed to help frame pictures in (auto) mode. In other shooting modes only the information shown with **Auto info** is displayed.	 The current settings or operation guide is displayed, as in **Auto info** above.

Date Imprint (Imprinting Date and Time)

MENU button → (Setup menu) (📖 126) → Date imprint

The shooting date and time can be imprinted on the pictures with shooting, allowing the information to be printed even from printers that do not support date printing (📖 90).



Off (default setting)

Date and time are not imprinted on pictures.

Date

Date is imprinted on the pictures.

Date and time

Date and time are imprinted on the pictures.

At settings other than **Off**, the icon for the current setting is displayed in the monitor (📖 6).

Notes on Date Imprint

- Imprinted dates form a permanent part of image data and cannot be deleted. The date and time cannot be imprinted on pictures after they have been taken.
- The date is not imprinted in the following situations:
  - Pictures taken in **Panorama assist** scene mode
  - Movie recording
- Dates imprinted at an **Image mode** setting (📖 37) of **640 × 480** may be difficult to read. Choose **1024 × 768** or larger when using date imprint.
- The date is recorded using the format selected in the setup menu's **Date** item (📖 18, 129).

Date Imprint and Print Set

When printing from DPOF-compatible printers that support the printing of shooting date and photo information, the date and information can be printed without imprinting this information on them using options in the **Print Set** menu (📖 87).

Electronic VR

MENU button → (Setup menu) (📖 126) → Electronic VR

Choose whether or not electronic VR (vibration reduction) is used when taking still pictures.

Auto

Electronic VR is enabled and the effects of camera shake are reduced with shooting of still pictures when all of the following conditions are met.

- The flash is turned off or set to slow sync mode.
- A slow shutter speed is used.
- The **Continuous** setting is set to **Single**
- The subject is dark.

Off (default setting)

Electronic VR is disabled.

When **Auto** is selected, is displayed in the monitor (📖 6), and electronic VR is applied according to shooting conditions.

Notes on Electronic Vibration Reduction

- Electronic VR does not function when the flash is used, except when slow sync mode is applied. Electronic VR does not function when slow sync with red-eye reduction (📖 54, 55) is used.
- Electronic VR does not function with exposures that exceed a certain length of time.
- Electronic VR is activated only when **ISO sensitivity** (📖 42) is set to **Auto**.
- Electronic VR does not function when **Blink proof** (📖 64) is set to **On** in smart portrait mode.
- Electronic VR does not function in the following scene mode:
  - **Sports** (📖 54)
  - **Night portrait** (📖 54)
  - **Dusk/dawn** (📖 55)
  - **Night landscape** (📖 56)
  - **Museum** (📖 57)
  - **Fireworks show** (📖 58)
  - **Backlight** (📖 58)
- The effectiveness of electronic VR decreases as camera shake increases.
- The picture taken using electronic VR may be somewhat "grainy" in appearance.

Electronic VR for Movies

To compensate for camera shake with movie recording, enable **Electronic VR** (📖 109) from the movie menu (📖 108).

Motion Detection

MENU button → (Setup menu) (□ 126) → Motion detection

Enable motion detection to reduce the effects of subject movement and camera shake when shooting still pictures.

Auto (default setting)

When the camera detects subject movement or camera shake, the ISO sensitivity and shutter speed are automatically increased to reduce blurring.
However, motion detection does not function in the following situations.

- When the flash fires
- When **ISO sensitivity** (□ 42) is set to **Fixed range auto** or ISO sensitivity is fixed at a particular value in (auto) mode
- In (auto) mode, when **Multi-shot 16** (□ 41) is enabled
- When **Sports**, **Night portrait**, **Dusk/dawn**, **Fireworks show**, or **Backlight** scene mode is enabled
- When subject tracking mode is enabled
- When recording movies

Off

Motion detection is not enabled.

The current motion detection setting can be confirmed in the camera monitor with shooting (□ 6, 23). The motion detection icon turns green when the camera detects camera shake and increases shutter speed. When **Off** is selected, no icon is displayed.

Notes on Motion Detection

- Motion detection may be unable to completely eliminate the effects of subject movement and camera shake in some situations.
- Motion detection may not function if the subject exhibits significant movement or is too dark.
- The pictures taken using motion detection may be somewhat "grainy" in appearance.

AF Assist

MENU button ➔ (Setup menu) (📖 126) ➔ AF assist

Enable or disable AF-assist illumination, which assists autofocus operation when the subject is poorly lit.

Auto (default setting)

AF-assist illumination is used to assist the focus operation when the subject is poorly lit. The illuminator has a range of about 1.9 m (6 ft. 2 in.) at the maximum wide-angle position and about 1.1 m (3 ft. 7 in.) at the maximum telephoto position. Note that for some scene modes, or focus areas, AF-assist illuminator may not light.

Off

AF-assist illuminator does not light. The camera may be unable to focus under dim lighting.

Digital Zoom

MENU button ➔ (Setup menu) (📖 126) ➔ Digital zoom

Enable or disable digital zoom.

On (default setting)

When the camera is zoomed in to the maximum optical zoom position, rotating the zoom control to **T** triggers digital zoom (📖 25).

Off

Digital zoom will not be activated (except when recording movies).

Notes on Digital Zoom

- When digital zoom is in effect, **AF area mode** is set to **Center** (📖 44).
- Digital zoom cannot be used in the following situations.
  - When **Scene auto selector**, **Portrait**, or **Night portrait** is selected in scene mode
  - When smart portrait mode is selected
  - When subject tracking mode is selected
  - When **Continuous** is set to **Multi-shot 16** (📖 41)
  - Just before recording a movie (Up to 2× zoom can be activated while recording movies)

Sound Settings

MENU button → (Setup menu) (□ 126) → Sound settings

Adjust the following sound settings.

Button sound

Select **On** (default setting) or **Off**.
When **On** is selected, a beep will sound once when operations are completed successfully, twice when the camera acquires focus on the subject, and three times when an error is detected. Start-up sound will also play when the camera is turned on.

Shutter sound

Select **On** (default setting) or **Off**.
No sound is played with shutter release when some features such as continuous shooting or BSS (best shot selector) are enabled, or when recording movies, even if **On** is selected.

Auto Off

MENU button → (Setup menu) (□ 126) → Auto off

When the camera is on and a specified period of time passes with no operations performed, the monitor turns off and the camera will enter standby mode (□ 17) to save power. Once the camera has entered standby mode, the power-on lamp will blink, and if no operations are performed for another three minutes, the camera will turn off.

Choose the time allowed to elapse before the camera enters standby mode if no operations are performed from **30 s**, **1 min** (default setting), **5 min**, and **30 min**.

Canceling Standby Mode

Cancel standby mode and reactivate the monitor by pressing any of the following buttons.

- the power switch
- the shutter-release button
- the button
- the button

Note on Auto Off

The time allowed to elapse before the camera enters standby mode is fixed in the following situations:

- When a menu is displayed: three minutes
- During slide show playback: up to 30 minutes
- When the AC adapter EH-62D is connected: 30 minutes

Format Memory/Format Card

MENU button → (Setup menu) (□ 126) → Format memory/Format card

Use this option to format the internal memory or a memory card.

Formatting the Internal Memory

To format the internal memory, remove the memory card from the camera.

The **Format memory** option is displayed in the setup menu.

Formatting a Memory Card

When the memory card is inserted in the camera, the **Format card** option is displayed in the setup menu.

Formatting Internal Memory and Memory Cards

- **Formatting the internal memory or memory cards permanently deletes all data.** Be sure to transfer important pictures to a computer before formatting.
- Formatting the internal memory or memory card restores album icon settings (□ 78) to the default setting (displayed as number).
- Do not turn the camera off, or open the battery-chamber/memory card slot cover during formatting.
- Be sure to use this camera to format memory cards previously used in other devices the first time they are inserted into the COOLPIX S3000.

Language

MENU button → (Setup menu) (□ 126) → Language

Choose one of 24 languages for display of camera menus and messages.

Čeština	Czech	**Polski**	Polish
Dansk	Danish	**Português**	Portuguese
Deutsch	German	**Русский**	Russian
English	(default setting)	**Suomi**	Finnish
Español	Spanish	**Svenska**	Swedish
Ελληνικά	Greek	**Türkçe**	Turkish
Français	French	**简体中文**	Simplified Chinese
Indonesia	Indonesian	**繁體中文**	Traditional Chinese
Italiano	Italian	**日本語**	Japanese
Magyar	Hungarian	**한글**	Korean
Nederlands	Dutch	**ภาษาไทย**	Thai
Norsk	Norwegian	**عربي**	Arabic

Video Mode

MENU button → (Setup menu) (□ 126) → Video mode

Adjust settings for connection to a television. Choose from **NTSC** and **PAL**.

Charge by Computer

MENU button → (Setup menu) → Charge by computer

Choose whether or not the battery inserted in the camera is charged when the camera is connected to a computer via USB cable (117).

Auto (default setting)

When the camera is connected to a computer that is running, the battery inserted into the camera is automatically charged using power supplied by the computer.

Off

The battery inserted into the camera is not charged when the camera is connected to a computer.

Notes on Connecting the Camera to a Printer

- The battery cannot be charged with connection to a printer, even if the printer complies with the PictBridge standard.
- When **Auto** is selected for **Charge by computer**, it may be impossible to print pictures with direct connection of the camera to some printers. If the **PictBridge** startup screen is not displayed in the monitor after the camera is connected to a printer and turned on, turn the camera off and disconnect the USB cable. Set **Charge by computer** to **Off** and reconnect the camera to the printer.

Blink Warning

MENU button → (Setup menu) (📖 126) → Blink warning

Specify whether or not the camera detects human subjects that have blinked using face priority when shooting in the following modes.

- (auto) mode (when **Face priority** (📖 44) is selected for AF area mode option).
- **Scene auto selector** (📖 51), **Portrait** (📖 53), or **Night portrait** (📖 54) is selected for the scene mode.

On

When the camera detects that one or more human subjects may have blinked in a picture taken using face priority, the blink warning screen is displayed in the monitor.
The face of the human subject that may have blinked when the shutter was released is framed by a yellow border. Should this occur, check the picture and determine whether or not another picture should be taken.
See "Operating the Blink Warning Screen" (📖 142) for more information.

Off (default setting)

Blink warning is not enabled.

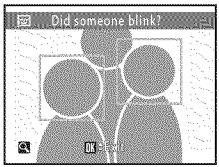
Note on Blink Warning

The blink warning does not function at continuous settings of **Continuous**, **BSS,** or **Multi-shot 16**.

Operating the Blink Warning Screen

When the blink warning screen shown at right is displayed in the monitor, the operations described below are available.

If no operations are performed within a few seconds, the camera automatically returns to shooting mode.



Option	Use	Description
Enlarge the detected face that blinked	**T** (🔍)	Rotate the zoom control to **T** (🔍).
Switch to full-frame playback	**W** (▦)	Rotate the zoom control to **W** (▦).
Select the face to be displayed		If the camera detects that more than one human subject blinked, press ▲, ▼, ◀ or ▶ with display zoomed in to switch to another face.
Delete the picture	🗑	Press the 🗑 button.
Switch to shooting mode	Ⓚ 	Press the Ⓚ button or the shutter-release button.

Reset All

MENU button → (Setup menu) (126) → Reset all

When **Reset** is selected, the camera's settings will be restored to their default values.

Basic Shooting Functions

Option	Default value
Flash mode (30)	Auto
Self-timer (32)	Off
Macro mode (33)	Off
Exposure compensation (34)	0.0

Shooting Menu

Option	Default value
Image mode (37)	4000×3000
White balance (39)	Auto
Continuous (41)	Single
ISO sensitivity (42)	Auto
Color options (43)	Standard color
AF area mode (44)	Face priority
Autofocus mode (48)	Single AF

Scene Mode

Option	Default value
Scene mode setting in the shooting-mode selection menu (50)	Scene auto selector
Hue adjustment in Food mode (57)	Center

Smart Portrait Menu

Option	Default value
Skin softening (64)	Normal
Smile timer (64)	On
Blink proof (64)	Off

Subject Tracking Menu

Option	Default value
Autofocus mode (📖 67)	Full-time AF

Movie Menu

Option	Default value
Movie options (📖 108)	TV movie 640
Autofocus mode (📖 109)	Single AF
Electronic VR (📖 109)	Off

Setup Menu

Option	Default value
Menus (📖 127)	Text
Welcome screen (📖 128)	None
Photo info (📖 132)	Auto info
Image review (📖 132)	On
Brightness (📖 132)	3
Date imprint (📖 133)	Off
Electronic VR (📖 134)	Off
Motion detection (📖 135)	Auto
AF assist (📖 136)	Auto
Digital zoom (📖 136)	On
Button sound (📖 137)	On
Shutter sound (📖 137)	On
Auto off (📖 137)	1 min
Charge by computer (📖 140)	Auto
Blink warning (📖 141)	Off

Others

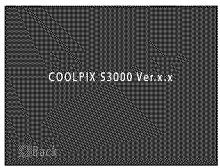
Option	Default value
Paper size (📖 121, 122)	Default
Frame intvl for Slide show (📖 91)	3 s

- Choosing **Reset all** also clears the current file number (📖 151) from memory. Numbering will continue from the lowest number available. To reset file numbering to "0001", delete all pictures (📖 92) before selecting **Reset all**.
- The following menu settings will remain unaffected when menus are reset with **Reset all**.
  Shooting menu: Preset manual data (📖 40) acquired for **White balance**
  Setup menu: Picture selected for **Welcome screen** (📖 128), **Date** (📖 129), **Language** (📖 139), and **Video mode** (📖 139)

Ver. Firmware Version

MENU button → (Setup menu) (📖 126) → Ver. Firmware version

View the current camera firmware version.



Maximizing Camera Life and Performance

To ensure continued enjoyment of this Nikon product, observe the following precautions when using or storing the device.

☑ Keep dry

The device will be damaged if immersed in water or subjected to high humidity.

☑ Do not drop

The product may malfunction if subjected to strong shock or vibration.

☑ Handle the lens and all moving parts with care

Do not apply force to the lens, lens cover, monitor, memory card slot or battery chamber. These parts are easily damaged. Applying force to the lens cover could result in camera malfunction or damage to the lens. Should the monitor break, care should be taken to avoid injury caused by broken glass and to prevent the liquid crystal from the display touching the skin or entering the eyes or mouth.

☑ Do not point the lens at strong light sources for extended periods

Avoid pointing the lens at the sun or other strong light sources for extended periods when using or storing the camera. Intense light may cause deterioration of the CCD image sensor, producing a white blur effect in photographs.

☑ Keep away from strong magnetic fields

Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Strong static charge or the magnetic fields produced by equipment such as radio transmitters could interfere with the monitor, damage data stored on the memory card, or affect the product's internal circuitry.

☑ Avoid sudden changes in temperature

Sudden changes in temperature, such as when entering or leaving a heated building on a cold day, can cause condensation to form inside the device. To prevent condensation, place the device in a carrying case or a plastic bag before exposing it to sudden changes in temperature.

☑ Turn the product off before removing or disconnecting the power source

Do not remove the battery while the product is on, or while images are being recorded or deleted. Forcibly cutting power in these circumstances could result in loss of data or in damage to product memory or internal circuitry.

The Battery

- Check the battery level before using the camera and replace or charge the battery if necessary. Do not continue charging once the battery is fully charged as this will result in reduced battery performance. Whenever possible, carry a fully charged spare battery when taking pictures on important occasions.
- Do not use the battery at ambient temperatures below 0 °C (32 °F) or above 40 °C (104 °F).
- Charge the battery indoors with an ambient temperature of 5 °C to 35 °C (41 °F to 95 °F) before use.
- When charging the COOLPIX S3000 using the Charging AC adapter EH-68P or a computer, the battery is not charged at ambient temperatures below 0 °C (32 °F) or above 45 °C (113 °F).
- Note that the battery may become hot during use; wait for the battery to cool before charging. Failure to observe these precautions could damage the battery, impair its performance or prevent it from charging normally.
- On cold days, the capacity of batteries tends to decrease. Be sure that the battery is fully charged before heading outside to take pictures in cold weather. Keep spare batteries in a warm place and exchange as necessary. Once warmed, a cold battery may recover some of its charge.
- Dirt on the battery terminals can prevent the camera from functioning. Should the battery terminals become dirty, wipe them off with a clean, dry cloth before use.
- If the battery will not be used for some time, insert it in the camera and completely exhaust it before removing it for storage. The battery should be stored in a cool location with an ambient temperature of 15 to 25 °C (59 to 77 °F). Do not store the battery in hot or extremely cold locations.
- Always remove the battery from the camera or optional battery charger when it is not being used. When inserted, minute amounts of current flow even when unused, and the battery may become excessively drained and no longer function. Turning the camera on or off while the battery is exhausted can result in reduced battery life.
- Recharge the battery at least once every six months and completely exhaust it before returning it to storage.
- After removing the battery from the camera or optional battery charger, return the battery to the battery case and store in a cool place.
- A marked drop in the time a fully charged battery retains its charge, when used at room temperature, indicates that the battery needs to be replaced. Purchase a new EN-EL10 battery.
- Replace the battery when it no longer holds a charge. Used batteries are a valuable resource. Please recycle used batteries in accordance with local regulations.

Cleaning

Lens	Avoid touching glass parts with your fingers. Remove dust or lint with a blower (typically a small device with a rubber bulb attached to one end that is pumped to produce a stream of air out the other end). To remove fingerprints or other stains that cannot be removed with a blower, wipe the lens with a soft cloth, using a spiral motion that starts at the center of them and working toward the edges. If this fails, clean the lens using a cloth lightly dampened with commercial lens cleaner.
Monitor	Remove dust or lint with a blower. To remove fingerprints and other stains, clean the monitor with a soft, dry cloth, being careful not to apply pressure.
Body	Use a blower to remove dust, dirt or sand, then wipe gently with a soft, dry cloth. After using the camera at the beach or other sandy or dusty environment, wipe off any sand, dust or salt with a dry cloth lightly dampened with fresh water and dry thoroughly. ***Note that foreign matter inside the camera could cause damage not covered by the warranty.***

Do not use alcohol, thinner, or other volatile chemicals.

Storage

Turn the camera off when not in use. Be sure that the power-on lamp is off before putting the camera away. Remove the battery if the camera will not be used for an extended period. Do not store the camera with naphtha or camphor moth balls, or in any of the following locations:

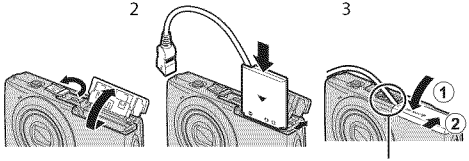
- Next to equipment that produces strong electromagnetic fields, such as televisions or radios
- Exposed to temperatures below –10 °C (14 °F) or above 50 °C (122 °F)
- Places that are poorly ventilated or subject to humidity of over 60%

To prevent mold or mildew, take the camera out of storage at least once a month. Turn the camera on and release the shutter a few times before putting the camera away again.

Notes on the Monitor

- The monitor may contain a few pixels that are always lit or that do not light. This is a characteristic common to all TFT LCD displays, and does not indicate a malfunction. Images recorded using the product will not be affected.
- White or colored streaks may be visible when bright subjects are framed in the monitor. This phenomenon, known as "smear," occurs when extremely bright light strikes the image sensor; it is characteristic of image sensors and does not indicate a malfunction. Smear may also take the form of partial discoloration in the monitor during shooting. It does not appear in images recorded with the camera except in the cases of movies and of images recorded with **Multi-shot 16** selected for **Continuous**. When shooting in these modes, we recommend that you avoid bright subjects such as the sun, reflected sunlight, and electric lights.
- Images in the monitor may be difficult to see under bright lighting.
- The monitor is lit by an LED backlight. Should the monitor begin to dim or flicker, contact your Nikon-authorized service representative.

Optional Accessories

Rechargeable battery	Rechargeable Li-ion Battery EN-EL10
Charging AC Adapter	Charging AC Adapter EH-68P*, EH-68P (AR)*
Battery charger	Battery Charger MH-63
AC adapter	AC Adapter EH-62D <Connecting the EH-62D> 1 2 3  Check that the AC adapter cord has been inserted correctly into the battery chamber before closing the battery-chamber/ memory card slot cover. If part of the cord has not been inserted into the chamber the cover may be damaged during closure.
USB cable	USB Cable UC-E6
Audio/Video cable	Audio Video Cable EG-CP14

* To use the charging AC adapter abroad, be sure to use a power adapter (available commercially) where necessary. Check beforehand with your travel agent regarding the necessity for power adapter plugs.

Approved Memory Cards

The following Secure Digital (SD) memory cards have been tested and approved for use in this camera.

All cards of the designated make and capacity can be used, regardless of speed.

SanDisk	2 GB[1], 4 GB[2], 8 GB[2], 16 GB[2], 32 GB[2]
TOSHIBA	2 GB[1], 4 GB[2], 8 GB[2], 16 GB[2], 32 GB[2]
Panasonic	2 GB[1], 4 GB[2], 8 GB[2], 12 GB[2], 16 GB[2], 32 GB[2]
Lexar	2 GB[1], 4 GB[2], 8 GB[2]

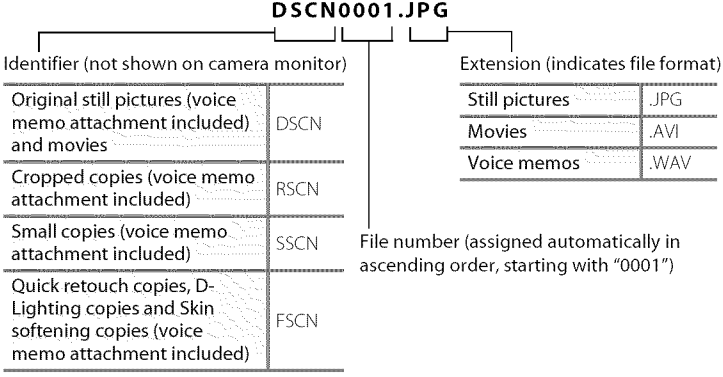
[1] If the memory card will be used with a card reader or similar device, check that device supports 2 GB cards.

[2] SDHC-compliant. If the memory card will be used with a card reader or similar device, check that device supports SDHC.

Contact the manufacturer for details on the above cards.

Image/Sound File and Folder Names

Pictures, movies or voice memos are assigned file names as follows.


DSCN0001.JPG
Identifier (not shown on camera monitor)
Original still pictures (voice memo attachment included) and movies
DSCN
Cropped copies (voice memo attachment included)
RSCN
Small copies (voice memo attachment included)
SSCN
Quick retouch copies, D-Lighting copies and Skin softening copies (voice memo attachment included)
FSCN
File number (assigned automatically in ascending order, starting with "0001")
Extension (indicates file format)
Still pictures .JPG
Movies .AVI
Voice memos .WAV

- Files are stored in folders named with a folder number followed by a five-character identifier: "P__" plus a three-digit sequential number for pictures taken in **Panorama assist** scene mode (e.g. "101P_001"; 📖 60) and "NIKON" for all other pictures (e.g. "100NIKON"). When the number of files within a folder reaches 9999, a new folder will be created. File numbers will be assigned automatically starting with "0001."
- Voice memo file names have the same identifier and file number as the picture to which the voice memo is attached.
- Files copied using **Copy**>**Selected images** are copied to the current folder, where they are assigned new file numbers in ascending order starting from the largest file number in memory. **Copy**>**All images** copies all folders from the source medium; file names do not change but new folder numbers are assigned in ascending order, starting from the largest folder number on the destination medium (📖 97).
- A single folder can hold up to 200 pictures; if the current folder already contains 200 pictures, a new folder, named by adding one to the current folder name, will be created the next time a picture is taken. If the current folder is numbered 999 and contains 200 pictures, or a picture is numbered 9999, no further pictures can be taken until the internal memory or memory card is formatted (📖 138), or a new memory card is inserted.

Error Messages

The following table lists the error messages and other warnings displayed in the monitor, as well as the solutions for dealing with them.

Display	Problem	Solution	🕮
(blinks)	Clock not set.	Set date and time.	129
	Battery running low.	Prepare to charge or replace battery.	12, 14
Battery exhausted.	Battery exhausted.	Charge or replace battery.	12, 14
Battery temperature high	Battery temperature is high.	Turn off camera, and allow battery to cool down before resuming use. After five seconds, this message will disappear, the monitor will turn off, and the power-on lamp and flash lamp will blink rapidly. After the lamps blink for three minutes, the camera will turn off automatically. Pressing the power switch also turns off the camera.	17
AF● (● blinks red)	Camera cannot focus.	• Refocus. • Use focus lock.	26, 27 45
Please wait for the camera to finish recording.	Camera cannot perform other operations until recording is complete.	Wait until message clears from display automatically when recording is complete.	–
Memory card is write protected.	Write-protect switch is in "lock" position.	Slide write-protect switch to "write" position.	21
This card cannot be used.	Error accessing memory card.	• Use approved card. • Check that connectors are clean. • Confirm that memory card is correctly inserted.	150 20 20
This card cannot be read.			

Display	Problem	Solution	🕮
ⓘ Card is not formatted. Format card? No Yes	Memory card has not been formatted for use in this camera.	Formatting deletes all data stored on the memory card. Be sure to select **No** and make copies of any pictures you wish to keep before formatting the memory card. Select **Yes** and press the ⓞ button to format the memory card.	21
ⓘ Out of memory.	Memory card is full.	• Choose smaller image size. • Delete pictures. • Insert new memory card. • Remove memory card and use internal memory.	37 28, 92, 110 20 20
ⓘ Image cannot be saved.	Error occurred while recording picture.	Format internal memory or memory card.	138
	Camera has run out of file numbers.	Insert a new memory card or format internal memory or memory card.	151
	Picture cannot be used for welcome screen.	The following pictures cannot be stored. • Pictures taken at an **Image mode** setting of **3968 × 2232** • Pictures reduced to 320 × 240 size or smaller with cropping or small picture editing	128
	Insufficient space to save a copy.	Delete pictures from destination.	92
ⓘ Album is full. No further pictures can be added.	Over 200 pictures have already been added to album.	• Remove some pictures from album. • Add to other albums.	76 74

Display	Problem	Solution	🕮
ⓘ Sound file cannot be saved.	A voice memo cannot be attached to this file.	• Voice memos cannot be attached to movies. • Select a picture taken with this camera.	– 96
ⓘ A blink was detected in the picture just taken.	One or more portrait subjects may have blinked when the picture was taken.	Check the picture in playback mode.	64
ℹ Image cannot be modified.	Cannot edit selected picture.	• Be sure that the picture meets editing requirements. • Movies cannot be edited.	98 –
ⓘ Cannot record movie.	Time out error while recording movie.	Choose memory card with faster write speed.	20
ℹ Memory contains no images.	No pictures in the internal memory or memory card.	• To play back pictures stored in internal memory, remove memory card from the camera. • To copy picture from internal memory to memory card, press the MENU button. The copy screen will be displayed and pictures in the internal memory can be copied to memory card.	20 97
	The picture has not been added to album.	• Add the picture to album. • Choose the album that the picture was added.	74 75
	No pictures are contained in the category selected in auto sort mode.	Select the category containing the sorted pictures.	81

Display	Problem	Solution	🕮
ⓘ File contains no image data.	File not created with this camera.	File cannot be viewed on this camera. View file using a computer or the devices used to create or edit this file.	–
ⓘ This file cannot be played back.			
ⓘ All images are hidden.	No pictures available for a slide show.	–	91
ⓘ This image cannot be deleted.	Picture is protected.	Disable protection.	92
ⓘ Travel destination is in the current time zone.	Destination in same time zone as home.	–	129
Lens error ❗	Lens error.	Turn camera off and then on again. If error persists, contact retailer or Nikon-authorized service representative.	22
ⓘ Communications error	USB cable disconnected during data transfer to printer.	Turn camera off and reconnect cable.	120
System error ❗	Error has occurred in camera's internal circuitry.	Turn camera off, remove and reinsert battery, and turn camera on. If error persists, contact retailer or Nikon-authorized service representative.	13
ⓘ🖌 Printer error: check printer status.	Printer error.	Check printer. After solving the problem, select **Resume** and press the Ⓚ button to resume printing.*	–
ⓘ🖌 Printer error: check paper	Specified size of paper is not loaded in printer.	Load the specified paper, select **Resume** and press the Ⓚ button to resume printing.*	–
ⓘ🖌 Printer error: paper jam	Paper has jammed in the printer.	Remove the jammed paper, select **Resume** and press the Ⓚ button to resume printing.*	–

Display	Problem	Solution	🕮
ⓘ🖋 Printer error: out of paper	No paper is loaded in printer.	Load the specified paper, select **Resume** and press the Ⓚ button to resume printing.*	–
ⓘ🖋 Printer error: check ink	Ink error.	Check ink, select **Resume** and press the Ⓚ button to resume printing.*	–
ⓘ🖋 Printer error: out of ink	Running out of ink or ink cartridge is empty.	Replace ink cartridge, select **Resume** and press the Ⓚ button to resume printing.*	–
ⓘ🖋 Printer error: file corrupt	An error caused by the image file has occurred.	Select **Cancel** and press the Ⓚ button to cancel printing.	–

* See the documentation provided with your printer for further guidance and information.

Troubleshooting

If the camera fails to function as expected, check the list of common problems below before consulting your retailer or Nikon-authorized service representative.

Display, Settings and Power Supply

Problem	Cause/Solution	🕮
Monitor is blank.	• Camera is off. • Battery is exhausted. • Standby mode for saving power: press the power switch, the shutter-release button, the 📷 button, or the ▶ button. • When flash lamp blinks red, wait until flash has charged. • Camera and computer are connected via USB cable. • Camera and TV are connected via A/V cable. • When connecting to an electrical outlet using a Charging AC Adapter, the camera cannot be turned on.	17 12 137 31 112 111 14
Monitor is hard to read.	• Adjust monitor brightness. • Monitor is dirty. Clean monitor.	132 146
Camera turns off without warning.	• Battery is exhausted. • Camera has turned off automatically to save power. • Battery is cold. • The camera turns off if the Charging AC Adapter is connected while the camera is on. • The camera turns off if the USB cable connecting it to a computer or printer is disconnected. Reconnect the USB cable.	22 137 147 14 113, 115, 120
Date and time of recording are not correct.	• If camera clock has not been set, "Date not set" indicator blinks with shooting and movie recording. Pictures and movies recorded before clock is set are dated "00/00/0000 00:00" or "01/01/2010 00:00" respectively. Set the correct time and date from the **Date** option in the setup menu. • Check camera clock regularly against more accurate timepieces and reset as required.	18, 129 129
No indicators displayed in monitor.	**Hide info** is selected for **Photo info**. Select **Show info**.	132
Date imprint not available.	Camera clock has not been set.	18, 129

Problem	Cause/Solution	🕮
Date not appearing on pictures even when **Date imprint** is enabled.	The current shooting mode is one that does not support **Date imprint**.	133
Camera settings reset.	Clock battery is exhausted; all settings were restored to their default values.	130
Monitor turns off, and the power-on lamp blinks rapidly.	Battery temperature is high. Turn off camera and allow battery to cool down before resuming use. After the lamp blinks for three minutes, the camera will turn off automatically. Pressing the power switch also turns off the camera.	17
Battery inserted into the camera is not charged when the camera is connected to a computer.	• The battery is not charged when the camera is turned off. • Charging stops if the computer enters sleep mode while the battery is charging. The camera may be turned off. • Depending upon computer specifications, settings, and status, it may be impossible to charge the battery inserted into the camera via computer connection.	117

Electronically Controlled Cameras

In extremely rare instances, unusual characters may appear in the monitor and the camera may stop functioning. In most cases, this phenomenon is caused by a strong external static charge. Turn the camera off, remove and replace the battery, then turn the camera on again. In the event of continued malfunction, contact your retailer or Nikon-authorized service representative. Note that disconnecting the power source as described above may result in the loss of any data not recorded to internal memory or the memory card at the time the problem occurred. Data already recorded will not be affected.

Shooting

Problem	Cause/Solution	🕮
No picture taken when shutter-release button is pressed.	• When camera is in playback mode, press the 📷 button or the shutter-release button. • When menus are displayed, press the MENU button. • Battery is exhausted. • When flash lamp blinks, flash is charging.	8, 28 10 22 31

Problem	Cause/Solution	🕮
Camera cannot focus.	• The intended subject is one with which autofocus does not perform well. • Select **Auto** for **AF assist** in set up menu. • Turn camera off and then on again.	27 136 17
Pictures are blurred.	• Use flash. • Increase the ISO sensitivity value. • Enable electronic vibration reduction or motion detection. • Use **BSS**. • Use tripod and self-timer.	30 42 134, 135 41 32
Bright specks appear in pictures taken with flash.	Flash is reflecting off particles in air. Turn flash off.	31
Streaks of light or partial discoloration are visible in the monitor.	Smear occurs when extremely bright light strikes the image sensor. When shooting with **Continuous** set to **Multi-shot 16** and when recording movies, avoiding bright objects, such as the sun, reflections of the sun, and electric lights is recommended.	41, 148
Flash does not fire.	• Flash is off. • Some scene modes with which the flash does not function is selected. • **On** is selected for **Blink proof** in smart portrait menu. • 🎆 mode is selected. • Another function that restricts flash is enabled.	30 53 64 106 49
Optical zoom cannot be used.	Optical zoom cannot be used while recording movies.	107
Digital zoom cannot be used.	• **Digital zoom** is set to **Off** in the setup menu. Digital zoom is not available in the following situations. • When **Scene auto selector**, **Portrait**, or **Night portrait** is selected for scene mode. • When shooting in smart portrait mode. • When shooting in subject tracking mode. • Just before recording a movie (up to 2× can be applied while recording movies). • When **Continuous** is set to **Multi-shot 16**.	136 51, 53, 54 62 65 106 41
Image mode not available.	Another function that restricts the **Image mode** option is enabled.	49

Problem	Cause/Solution	🕮
Skin tones are not softened.	• Under some shooting conditions, facial skin tones may not be softened. • Use **Skin softening** in the playback menu for pictures containing more than three faces.	103 102
No sound when shutter is released.	• **Off** is selected for **Sound settings**>**Shutter sound** in setup menu. No sound is heard with some shooting modes and settings, even when **On** is selected. • The speaker is blocked. Do not cover the speaker.	137 5, 24
AF-assist illuminator does not light.	**Off** is selected for **AF assist** in the setup menu. AF-assist illuminator may not light depending on the position of the focus area or the current scene mode, even when **Auto** is selected.	53-59, 136
Pictures appear smeared.	Lens is dirty. Clean lens.	146
Colors are unnatural.	White balance does not match light source.	39
Randomly spaced bright pixels ("noise") appear in image.	Shutter speed is too slow or ISO sensitivity is high as the subject is dark. Noise can be reduced by: • Using flash. • Specifying a lower ISO sensitivity setting.	 30 42
Pictures are too dark (underexposed).	• Flash is off. • Flash window is blocked. • Subject is beyond flash range. • Adjust exposure compensation. • Increase ISO sensitivity. • Subject is backlit. Select **Backlight** scene mode or use fill flash.	30 24 30 34 42 30, 58
Pictures are too bright (overexposed).	Adjust exposure compensation.	34
Unexpected results when flash set to ⚡◉ (auto with red-eye reduction).	When taking pictures with ⚡◉ (auto with red-eye reduction) or fill flash with slow sync and red-eye reduction in **Night portrait** scene mode, In-Camera Red Eye Fix may be applied to areas not affected by red-eye. Use any scene mode other than **Night portrait**, and change the flash to any setting other than ⚡◉ (auto with red-eye reduction) and try shooting again.	30, 54

Problem	Cause/Solution	🕮
Saving images takes time.	It may take more time to save images in the following situations. • When the noise reduction function is in operation • When the flash mode is set to **⚡◉** (auto with red-eye reduction) • When the skin softening function is applied while shooting	 31 31 53, 54, 64

Playback

Problem	Cause/Solution	🕮
File cannot be played back.	• File or folder was overwritten or renamed by computer or other make of camera. • Movies recorded by a camera other than the COOLPIX S3000 cannot be played back.	– 110
Cannot zoom in on picture.	Playback zoom cannot be used with movies, small pictures, or pictures that have been cropped to a size of 320 × 240 or smaller.	–
Cannot record or play back voice memos.	• Voice memos cannot be attached to movies. • Voice memos cannot be attached to images taken with other cameras. Voice memos attached to images using another camera cannot be played back on this camera.	110 96
Cannot use quick retouch, D-Lighting, skin softening, small picture, or crop.	• These options cannot be used with movies. • These options cannot be used with pictures taken at an **Image mode** setting of **3968 × 2232**. • Select pictures that support quick retouch, D-Lighting, skin softening, small picture, or crop. • Camera is unable to edit pictures taken with other cameras.	110 37 98 98
Pictures not displayed on television.	• Select correct **Video mode**. • Memory card contains no pictures. Replace the memory card. Remove the memory card to play back pictures from the internal memory.	139 20
Album icon restored to default settings, or pictures added to album not displayed in favorite pictures playback.	Data in the memory card may not be played back correctly if overwritten by a computer.	–

Problem	Cause/Solution	🕮
The recorded pictures are not displayed in auto sort mode.	• The desired picture was sorted to a category other than the category currently displayed. • Pictures recorded by a camera other than the COOLPIX S3000 and pictures copied using the copy option cannot be displayed in auto sort mode. • Pictures recorded in internal memory or on the memory card may not be played back correctly if overwritten by a computer. • Up to 999 pictures and movie files can be added to each category. If the desired category already contains 999 pictures, new pictures or movies cannot be added.	80 81, 97 – –
Nikon Transfer does not start when camera is connected.	• Camera is off. • Battery is exhausted. • USB cable is not properly connected. • Camera is not recognized by the computer. • Computer is not set to start Nikon Transfer automatically. For more information on Nikon Transfer, refer to help information contained in Nikon Transfer. • Be sure that the computer meets Nikon Transfer system requirements.	17 22 113 – 116 112
The PictBridge startup screen is not displayed when the camera is connected to a printer.	With some PictBridge-compatible printers, the PictBridge startup screen may not be displayed and it may be impossible to print pictures when **Auto** is selected for the **Charge by computer** option in the setup menu. Set the **Charge by computer** option to **Off** and reconnect the camera to the printer.	140
Pictures to be printed are not displayed.	• Memory card contains no pictures. Replace the memory card. • Remove the memory card to print pictures from the internal memory.	20
Cannot select paper size with camera.	Paper size cannot be selected from the camera if the printer does not support the paper sizes used by the camera, or the printer automatically selects the paper size. Use the printer to select paper size.	121, 122

Specifications

Nikon COOLPIX S3000 Digital Camera

Type	Compact digital camera
Effective pixels	12.0 million
Image sensor	1/2.3-in. CCD; total pixels: approx. 12.39 million
Lens	4× optical zoom, NIKKOR lens
Focal length	4.9–19.6mm (angle of view equivalent to that of 27–108mm lens in 35mm [135] format)
f/-number	f/3.2–5.9
Construction	6 elements in 5 groups
Digital zoom	Up to 4× (angle of view equivalent to that of approx. 432mm lens in 35mm [135] format)
Vibration reduction	Electronic VR
Autofocus (AF)	Contrast-detect AF
Focus range (from lens)	• Approx. 50 cm (1 ft. 8 in.) to ∞ • Macro mode: Approx. 8 cm (3.2 in.) to ∞ (wide-angle position)
Focus-area selection	Auto (9-area automatic selection), center, manual with 99 focus areas, face priority
Monitor	6.7 cm/2.7-in., approx. 230k-dot, TFT LCD and 5-level brightness adjustment
Frame coverage (shooting mode)	Approx. 97% horizontal and 97% vertical (Compared to actual picture)
Frame coverage (playback mode)	Approx. 100% horizontal and 100% vertical (Compared to actual picture)
Storage	
Media	• Internal memory (approx. 47 MB) • SD (Secure Digital) memory cards
File system	DCF, Exif 2.2, and DPOF compliant
File formats	Still pictures: JPEG Sound files (Voice Memo): WAV Movies: AVI (Motion-JPEG compliant)
Image size (pixels)	• 12M (High) [4000 × 3000★] • 12M [4000 × 3000] • 8M [3264 × 2448] • 5M [2592 × 1944] • 3M [2048 × 1536] • PC [1024 × 768] • VGA [640 × 480] • 16:9 [3968 × 2232]
ISO sensitivity (Standard output sensitivity)	• ISO 80, 100, 200, 400, 800, 1600, 3200 • Auto (auto gain from ISO 80 to 1600) • Fixed range auto (ISO 80-400, ISO 80-800)

Exposure	
Metering	256-segment matrix, center-weighted (digital zoom less than 2×), spot (digital zoom 2× or more)
Exposure control	Programmed auto exposure with motion detection and exposure compensation (–2.0 to +2.0 EV in steps of 1/3 EV)
Range (📷 auto mode)	[W]: –0.6 to +17.2 EV [T]: 1.2 to 19.0 EV (exposure values achieved with automatic ISO sensitivity adjustment converted to ISO 100 values)
Shutter	Mechanical and charge-coupled electronic shutter
Speed	1/2000 -1 s (when **ISO sensitivity** is set to **Auto**) 1/2000 -1 s (when **ISO sensitivity** is fixed at a specific value) 4 s (when scene mode is set to **Fireworks show**)
Aperture	Electronically-controlled ND filter (-2.6 AV) selection
Range	2 steps (f/3.2 and f/8 [W])
Self-timer	Can be selected from 10 and 2 second duration
Built-in flash	
Range (approx.) (ISO sensitivity: **Auto**)	[W]: 0.5 to 4.5 m (1 ft. 8 in. to 14 ft.) [T]: 0.5 to 2.4 m (1 ft. 8 in. to 7 ft. 10 in.)
Flash control	TTL auto flash with monitor preflashes
Interface	Hi-Speed USB
Data Transfer Protocol	MTP, PTP
Video output	Can be selected from NTSC and PAL
I/O terminal	Audio video output/digital I/O (USB)
Supported languages	Arabic, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, Greek, German, Hungarian, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Norwegian, Russian, Spanish, Swedish, Thai, Turkish
Power sources	One EN-EL10 Rechargeable Li-ion Battery (supplied) AC Adapter EH-62D (available separately)
Charging time	Approx. 2 hours and 10 minutes (when using Charging AC Adapter EH-68P/EH-68P (AR) and when no charge remains)
Battery life*	Approx. 220 shots (EN-EL10)
Dimensions (W × H × D)	Approx. 94.3 × 55.9 × 19.0 mm (3.8 × 2.2 × 0.8 in.) (excluding projections)
Weight	Approx. 116 g (4.1 oz.) (with battery and SD memory card)
Operating environment	
Temperature	0 to 40 °C (32 to 104 °F)
Humidity	Less than 85% (no condensation)

- Unless otherwise stated, all figures are for a camera with a fully-charged Rechargeable Li-ion Battery EN-EL10 operated at an ambient temperature of 25 °C (77 °F).

* Based on Camera and Imaging Products Association (CIPA) standards for measuring the life of camera batteries. Measured at 23 °C (73 °F); zoom adjusted with each shot, flash fired with every other shot, image mode set to **4000×3000**. Battery life may vary depending on shooting interval and length of time menus and images are displayed.

Rechargeable Li-ion Battery EN-EL10

Type	Rechargeable lithium-ion battery
Rated capacity	DC 3.7 V, 740 mAh
Operating temperature	0 to 40 °C (32 to 104 °F)
Dimensions (W × H × D)	Approx. 31.5 × 39.5 × 6 mm (1.2 × 1.6 × 0.2 in.) (excluding projections)
Weight	Approx. 15 g (0.5 oz) (excluding battery case)

Charging AC Adapter EH-68P/EH-68P (AR)

Rated input	AC 100-240 V, 50/60 Hz, 0.065-0.04 A
Rated capacity	6.5-9.6 VA
Rated output	DC 5.0 V, 0.5 A
Operating temperature	0 to 40 °C (32 to 104 °F)
Dimensions (W × H × D)	EH-68P: Approx. 55 × 22 × 65 mm (2.7 × 0.9 × 2.6 in.) EH-68P (AR): Approx. 55 × 51.6 × 66 mm (2.2 × 2.0 × 2.6 in.)
Weight	EH-68P: Approx. 60 g (2.1 oz) EH-68P (AR): Approx. 65 g (2.3 oz)

Specifications

Nikon will not be held liable for any errors this manual may contain. The appearance of this product and its specifications are subject to change without notice.

Supported Standards

- **DCF**: Design Rule for Camera File System is a standard widely used in the digital camera industry to ensure compatibility among different makes of camera.
- **DPOF**: Digital Print Order Format is an industry-wide standard that allows pictures to be printed from print orders stored on memory cards.
- **Exif version 2.2**: This camera supports Exchangeable image file format (Exif) version 2.2 for digital still cameras, a standard that allows information stored with photographs to be used for optimal color reproduction when images are output from Exif-compliant printers.
- **PictBridge**: A standard developed cooperatively by the digital camera and printer industries, allowing photographs to be output directly to a printer without connecting the camera to a computer.

Index

Symbols
Auto mode 22
Scene mode 50
Smart portrait mode 62
Subject tracking mode 65
Movie mode 106
Setup menu 125
Favorite pictures mode 74
Auto sort mode 80
List by date mode 83
T (Tele) 4, 25
W (Wide) 4, 25
Playback zoom 4, 72
Thumbnail playback 4, 69
Help 4, 11
Apply selection button 5, 9
Delete button 5, 28, 29, 96, 110
Playback mode 5, 8, 28
Self timer 32
Flash mode 30
Macro mode 33
MENU Menu button 5
(Shooting mode) button 5, 8
Exposure compensation 34
AE/AF-L 61

A
A/V cable 111
AC adapter 149
AF area 26
AF area mode 44
AF assist 136
Aperture 26
Audio-in/Video-in jack 111
Auto flash 30
Auto mode 22
Auto off 137
Auto sort menu 82
Auto sort mode 80
Autofocus 33
Autofocus mode 48, 67, 109
AVI 151

B
Backlight 58
Battery 12, 14, 130
Battery chamber 5
Battery charger 149
Battery latch 5
Battery level 22
Battery-chamber/memory card slot cover 5, 12, 20
Beach/snow 55
Best Shot Selector 41
Black-and-white 43
Blink proof 64
Blink warning 141
Brightness 132
BSS 41
Built-in flash 4, 30
Built-in microphone 4, 95
Button sound 137

C
Calendar display 71
Charge by computer 140
Charging AC adapter 14, 149
Close-up 56
Cloudy 39
Color options 43
Compression ratio 37
Computer 112, 112–115
    copying pictures to 112–115
Connector cover 5
Continuous 41
Copy 58
Copying pictures 97
Crop 105
Cyanotype 43

D
Date 18, 129
Date imprint 133
Daylight 39

Daylight saving time 18, 130
Delete 92
Digital zoom 25, 136
Direct print 119
D-Lighting 101
DPOF print 124
DSCN 151
Dusk/dawn 55
E
EH-68P 14, 149
Electronic VR (movie) 109
Electronic VR (still pictures) 134
EN-EL10 12, 14
Exposure compensation 34
Extension 151
Eyelet for camera strap 4
F
Face priority 44, 46
Favorite pictures menu 77
Favorite pictures mode 77
File names 151
Fill flash 30
Fireworks show 58
Firmware version 145
Fixed range auto 42
Flash 30, 31
Flash lamp 5, 31
Flash mode 30, 31
Flash off 30
Fluorescent 39
Focus 26, 44
Focus lock 45
Folder name 151
Food 57
Format 21, 138
Format memory card 21, 138
Formatting internal memory 138
FSCN 151
Full-frame playback 28, 29
Full-time AF 48, 109
H
Halfway 11
Help 11
I
Identifier 151
Image mode 23, 37, 50, 64, 66
Image review 132
Image size 37
Incandescent 39
Internal memory 20
Internal memory indicator 23
ISO sensitivity 31, 42
J
JPG 151
L
Landscape 53
Language 139
Lens 4, 163
List by date menu 85
List by date mode 83
Lithium-ion type battery 14
M
Macro mode 33
Memory capacity 22
Memory card 20, 150
Memory card slot 5, 20
Menus 127
Monitor 5, 6, 148
Monitor settings 132
Motion detection 135
Movie menu 108
Movie options 108
Movie playback 110
Movie recording 106
Multi selector 5, 9
Multi-shot 16 41
Museum 57
N
Night landscape 56
Night portrait 54

Nikon Transfer 112
Number of exposures remaining 22, 38
O
Optional accessories 149
P
Panorama assist 59, 60
Panorama Maker 112, 116
Paper size 121, 122
Party/indoor 55
Photo info 132
PictBridge 119, 166
Playback 28, 29, 69, 72
Playback menu 86
Playback zoom 72
Portrait 53
Power 18, 22
Power switch 4, 22
Power-on lamp 4, 22
Preset manual 40
Print 87, 121, 122
Print set 87
Print Set (Date) 88
Printer 119
Protect 94
Q
Quick retouch 100
R
Rechargeable battery 149
Rechargeable Li-ion battery 12
Recording movies 106
Red-eye reduction 30, 31
Reset all 143
Rotate image 94
RSCN 151
S
Scene auto selector 51
Scene mode 50, 53
Self-timer 32
Self-timer lamp 4, 32
Sepia 43
Setup menu 125
Shooting 22, 24, 26
Shooting menu 36
Shutter sound 137
Shutter speed 26
Shutter-release button 4, 26
Single 41
Single AF 48, 109
Skin softening 64, 102
Slide show 91
Slow sync 30
Small picture 104
Smart portrait menu 64
Smile timer 64
Software Suite 112
Sound settings 137
Speaker 5
Sports 54
SSCN 151
Standard color 43
Strap 11
Subject tracking menu 67
Subject tracking mode 65
Sunset 55
T
Thumbnail playback 69
Time zone 129, 131
Tripod socket 5
TV 111
TV movie 108
U
USB cable 112, 113, 120
V
Video mode 139
ViewNX 112, 115
Vivid color 43
Voice memo 95
Volume 110
W
WAV 151

Welcome screen 128
White balance 39
Z
Zoom control 4, 25, 110

Nikon

No reproduction in any form of this manual, in whole or in part (except for brief quotation in critical articles or reviews), may be made without written authorization from NIKON CORPORATION.

CE

NIKON CORPORATION
© 2010 Nikon Corporation

YP0B01(11)
6MM78511-01